

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101022AL\
 Data File : FE038044.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2022 19:57
 Operator : YP\AJ
 Sample : N4955-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 06:52:26 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...	13.022	3776261	27.939 ug/ml
Spiked Amount 50.000		Recovery =	55.88%
Target Compounds			
1) T n-Nonane (C9)	3.005	278313	1.890 ug/mlm
2) T n-Decane (C10)	4.259	312183	2.112 ug/ml
4) T n-Dodecane (C12)	6.429	456834	2.998 ug/ml
6) T n-Tetradecane (C14)	8.245	523601	3.421 ug/ml
7) T n-Hexadecane (C16)	9.843	498768	3.193 ug/ml
8) T n-Octadecane (C18)	11.276	560598	3.495 ug/ml
10) T n-Eicosane (C20)	12.577	597794	3.666 ug/ml
11) T n-Heneicosane (C21)	13.185	574615	3.487 ug/ml
13) T n-Docosane (C22)	13.767	742678	4.512 ug/ml
14) T n-Tetracosane (C24)	14.863	847582	5.168 ug/ml
15) T n-Hexacosane (C26)	15.878	859462	5.271 ug/ml
16) T n-Octacosane (C28)	16.823	890969	5.562 ug/ml
17) T n-Tricontane (C30)	17.704	883897	5.523 ug/ml
18) T n-Dotriacontane (C32)	18.533	787243	4.999 ug/ml
19) T n-Tetratriacontane (C34)	19.312	637278	4.301 ug/ml
20) T n-Hexatriacontane (C36)	20.048	502117	3.483 ug/ml
21) T n-Octatriacontane (C38)	20.743	421320	3.105 ug/ml
22) T n-Tetracontane (C40)	21.507	442263	3.474 ug/ml

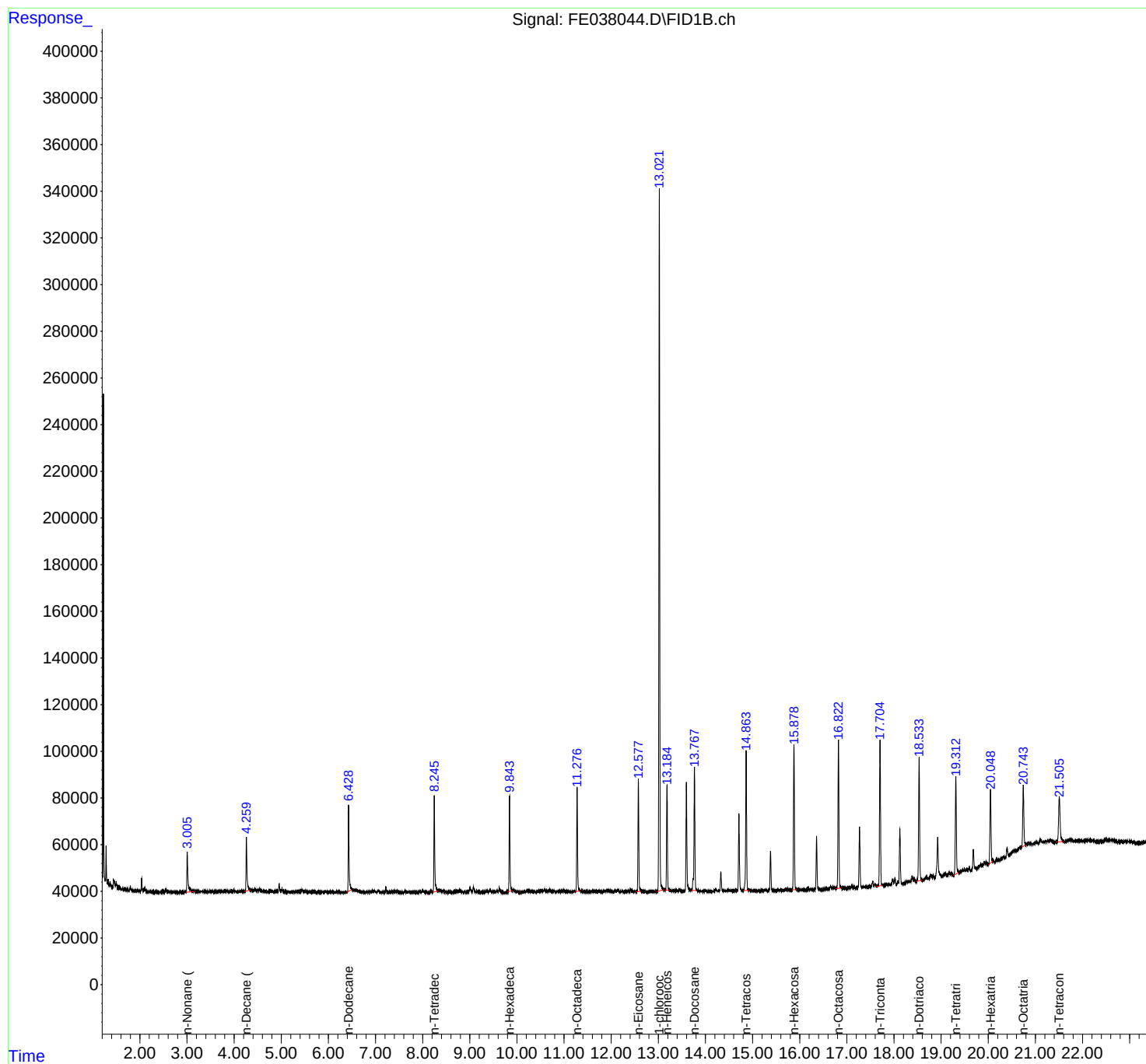
(f)=RT Delta > 1/2 Window

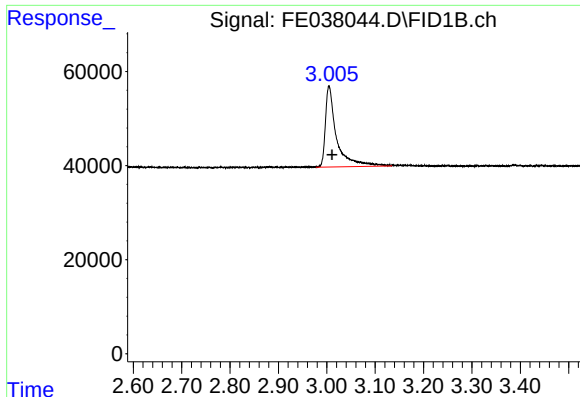
(m)=manual int.

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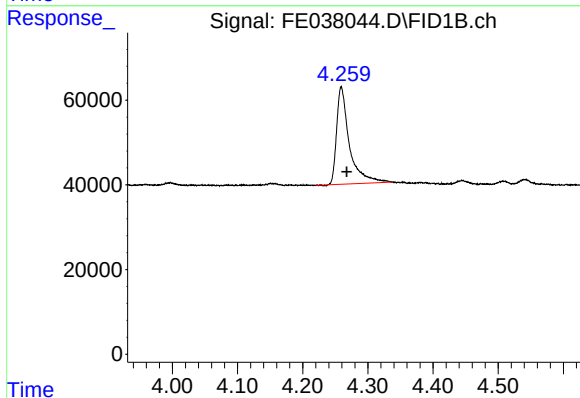
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





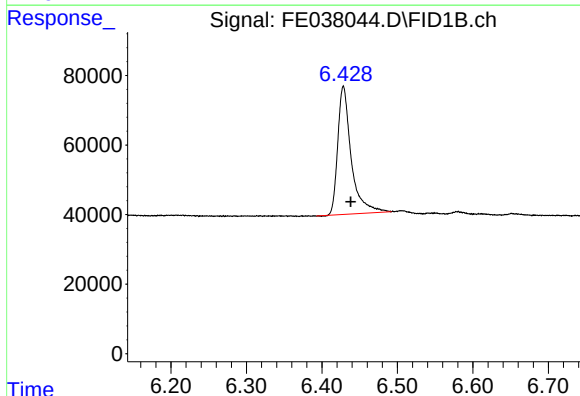
#1 n-Nonane (C9)

R.T.: 3.005 min
Delta R.T.: -0.006 min
Response: 278313
Conc: 1.89 ug/ml m



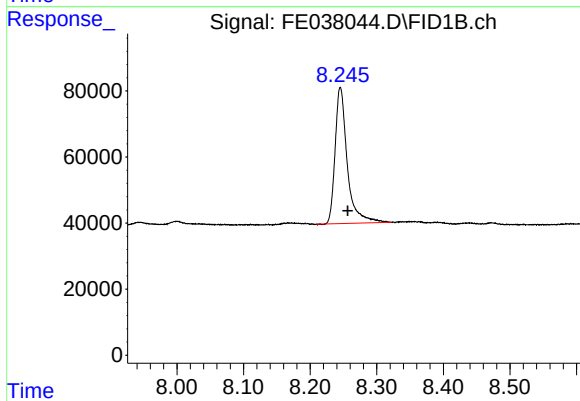
#2 n-Decane (C10)

R.T.: 4.259 min
Delta R.T.: -0.008 min
Response: 312183
Conc: 2.11 ug/ml



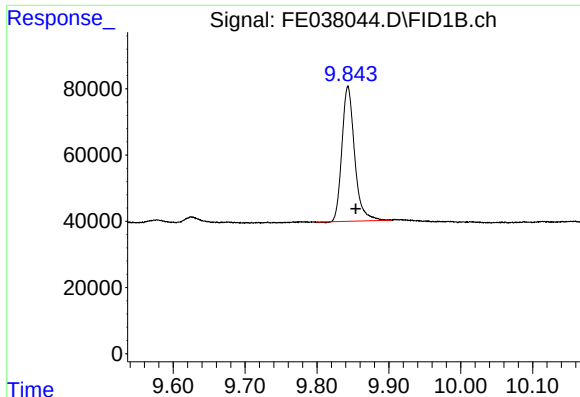
#4 n-Dodecane (C12)

R.T.: 6.429 min
Delta R.T.: -0.010 min
Response: 456834
Conc: 3.00 ug/ml



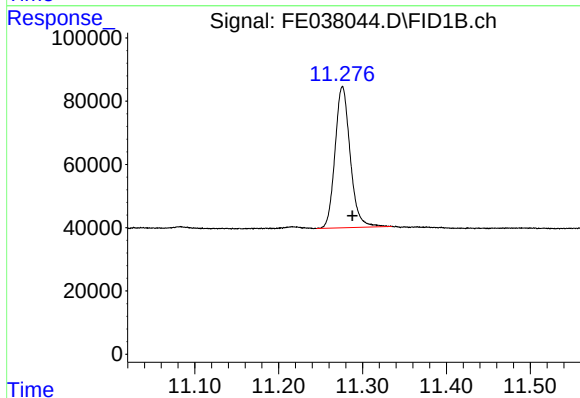
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.011 min
Response: 523601
Conc: 3.42 ug/ml



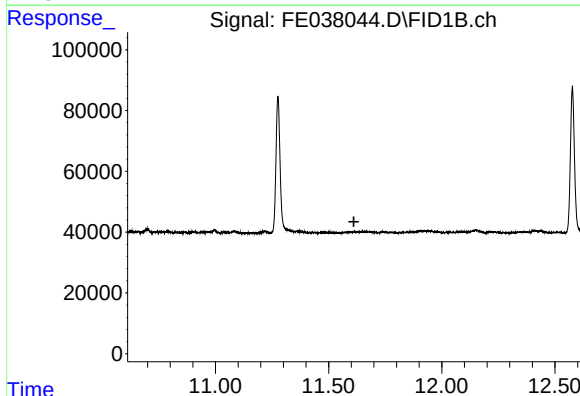
#7 n-Hexadecane (C16)

R.T.: 9.843 min
Delta R.T.: -0.011 min
Response: 498768
Conc: 3.19 ug/ml



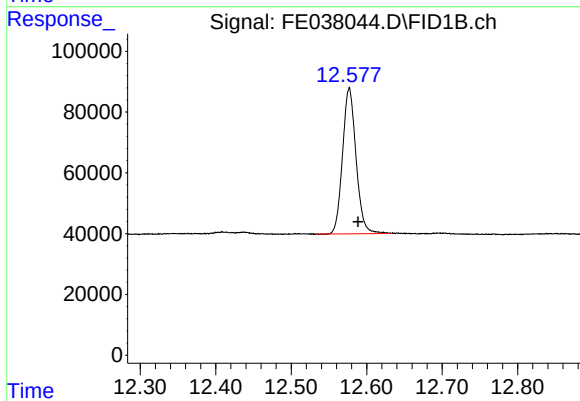
#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: -0.012 min
Response: 560598
Conc: 3.50 ug/ml



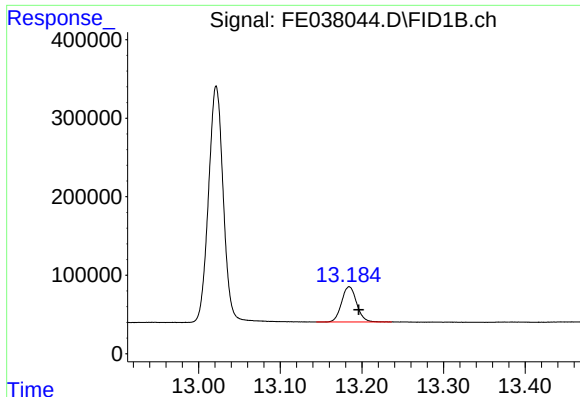
#9 ortho-Terphenyl (SURR)

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



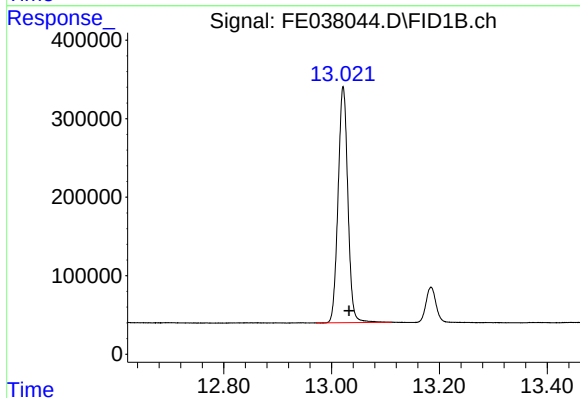
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.012 min
Response: 597794
Conc: 3.67 ug/ml



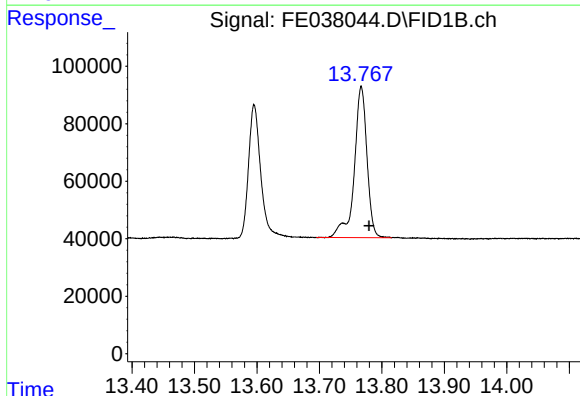
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: -0.012 min
Response: 574615
Conc: 3.49 ug/ml



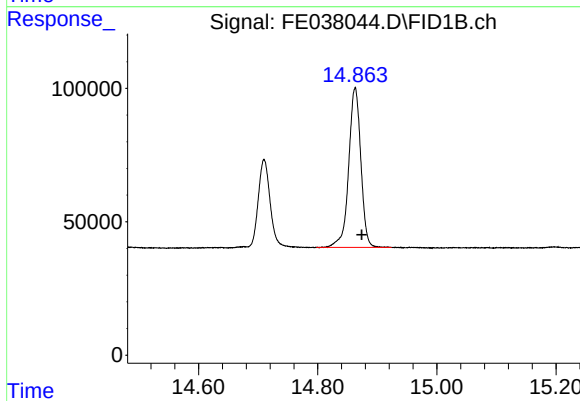
#12 1-chlorooctadecane (SURR)

R.T.: 13.022 min
Delta R.T.: -0.011 min
Response: 3776261
Conc: 27.94 ug/ml



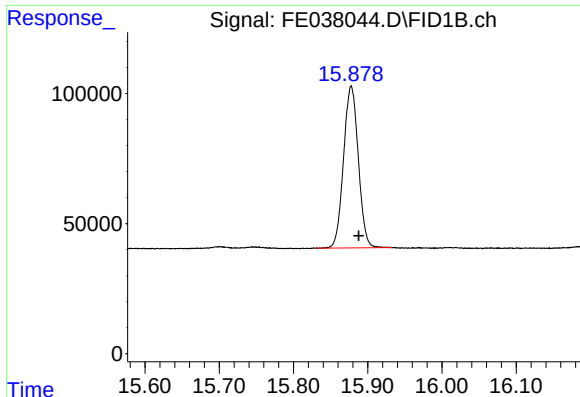
#13 n-Docosane (C22)

R.T.: 13.767 min
Delta R.T.: -0.012 min
Response: 742678
Conc: 4.51 ug/ml



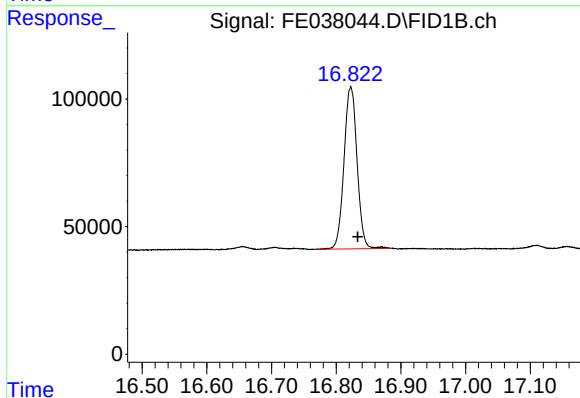
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.011 min
Response: 847582
Conc: 5.17 ug/ml



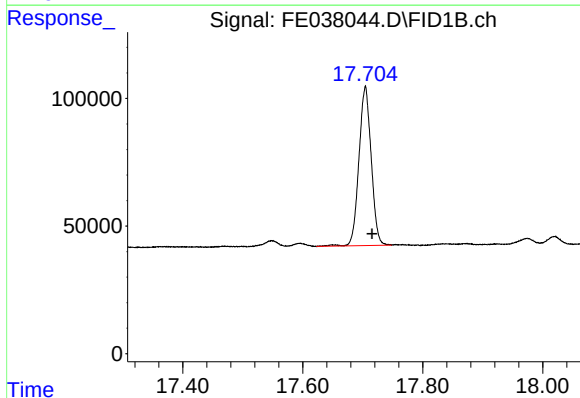
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.010 min
Response: 859462
Conc: 5.27 ug/ml



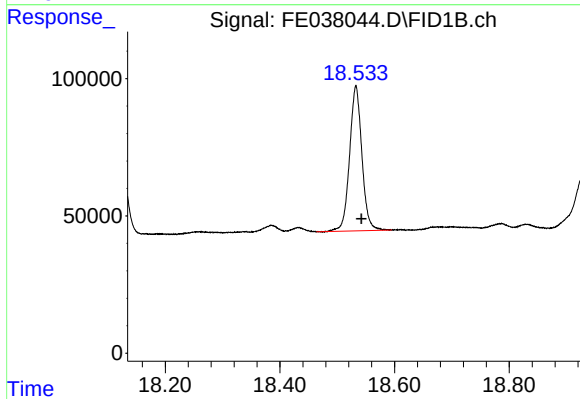
#16 n-Octacosane (C28)

R.T.: 16.823 min
Delta R.T.: -0.011 min
Response: 890969
Conc: 5.56 ug/ml



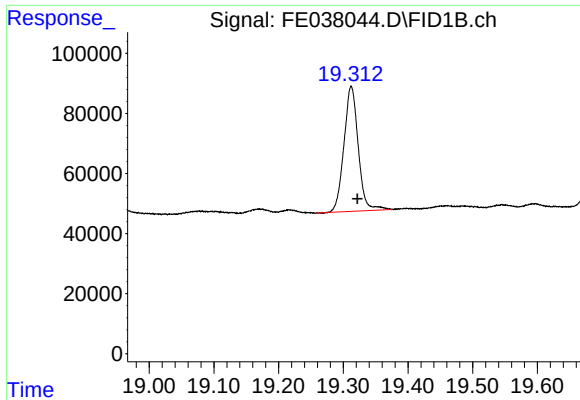
#17 n-Tricontane (C30)

R.T.: 17.704 min
Delta R.T.: -0.011 min
Response: 883897
Conc: 5.52 ug/ml



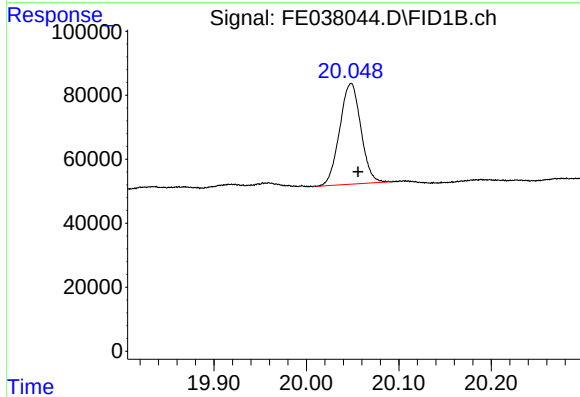
#18 n-Dotriacontane (C32)

R.T.: 18.533 min
Delta R.T.: -0.010 min
Response: 787243
Conc: 5.00 ug/ml



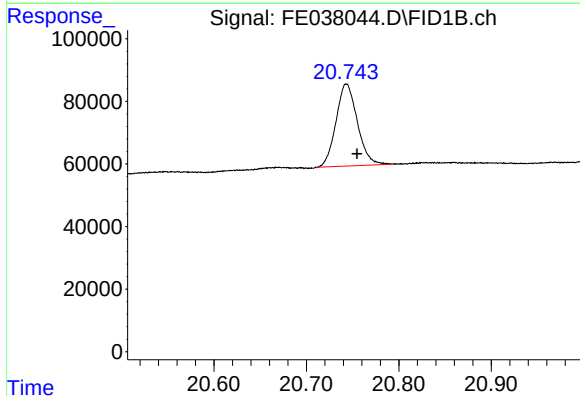
#19 n-Tetratriacontane (C34)

R.T.: 19.312 min
Delta R.T.: -0.010 min
Response: 637278
Conc: 4.30 ug/ml



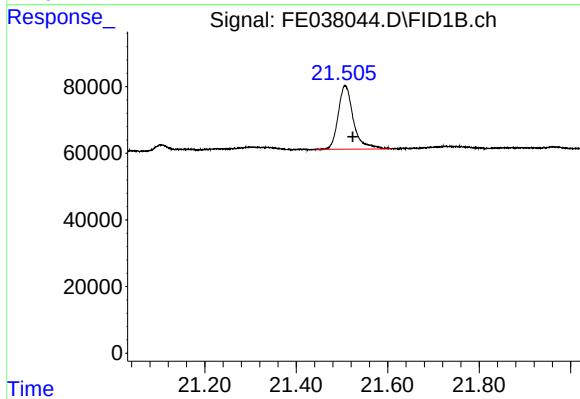
#20 n-Hexatriacontane (C36)

R.T.: 20.048 min
Delta R.T.: -0.008 min
Response: 502117
Conc: 3.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: -0.011 min
Response: 421320
Conc: 3.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.507 min
Delta R.T.: -0.016 min
Response: 442263
Conc: 3.47 ug/ml