

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061322AL\
 Data File : FD042888.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jun 2022 15:47
 Operator : UA/NP
 Sample : N1645-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 14 01:58:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	13.013	4427867	33.904 ug/ml
Spiked Amount 50.000		Recovery =	67.81%
Target Compounds			
1) T n-Nonane (C9)	3.344	195540	1.412 ug/ml
2) T n-Decane (C10)	4.410	251169	1.819 ug/mlm
4) T n-Dodecane (C12)	6.426	425337	3.002 ug/ml
6) T n-Tetradecane (C14)	8.219	327715	2.276 ug/ml
7) T n-Hexadecane (C16)	9.818	331589	2.248 ug/ml
8) T n-Octadecane (C18)	11.258	351810	2.337 ug/ml
10) T n-Eicosane (C20)	12.565	361254	2.402 ug/ml
11) T n-Heneicosane (C21)	13.176	362513	2.395 ug/ml
13) T n-Docosane (C22)	13.761	365103	2.415 ug/ml
14) T n-Tetracosane (C24)	14.861	373607	2.489 ug/ml
15) T n-Hexacosane (C26)	15.881	355627	2.439 ug/ml
16) T n-Octacosane (C28)	16.829	374078	2.682 ug/ml
17) T n-Tricontane (C30)	17.714	420654	3.217 ug/ml
18) T n-Dotriacontane (C32)	18.546	426720	3.614 ug/ml
19) T n-Tetratriacontane (C34)	19.328	359945	3.386 ug/ml
20) T n-Hexatriacontane (C36)	20.065	294756	3.015 ug/mlm
21) T n-Octatriacontane (C38)	20.796	263160	2.885 ug/mlm
22) T n-Tetracontane (C40)	21.697	247770	3.058 ug/mlm

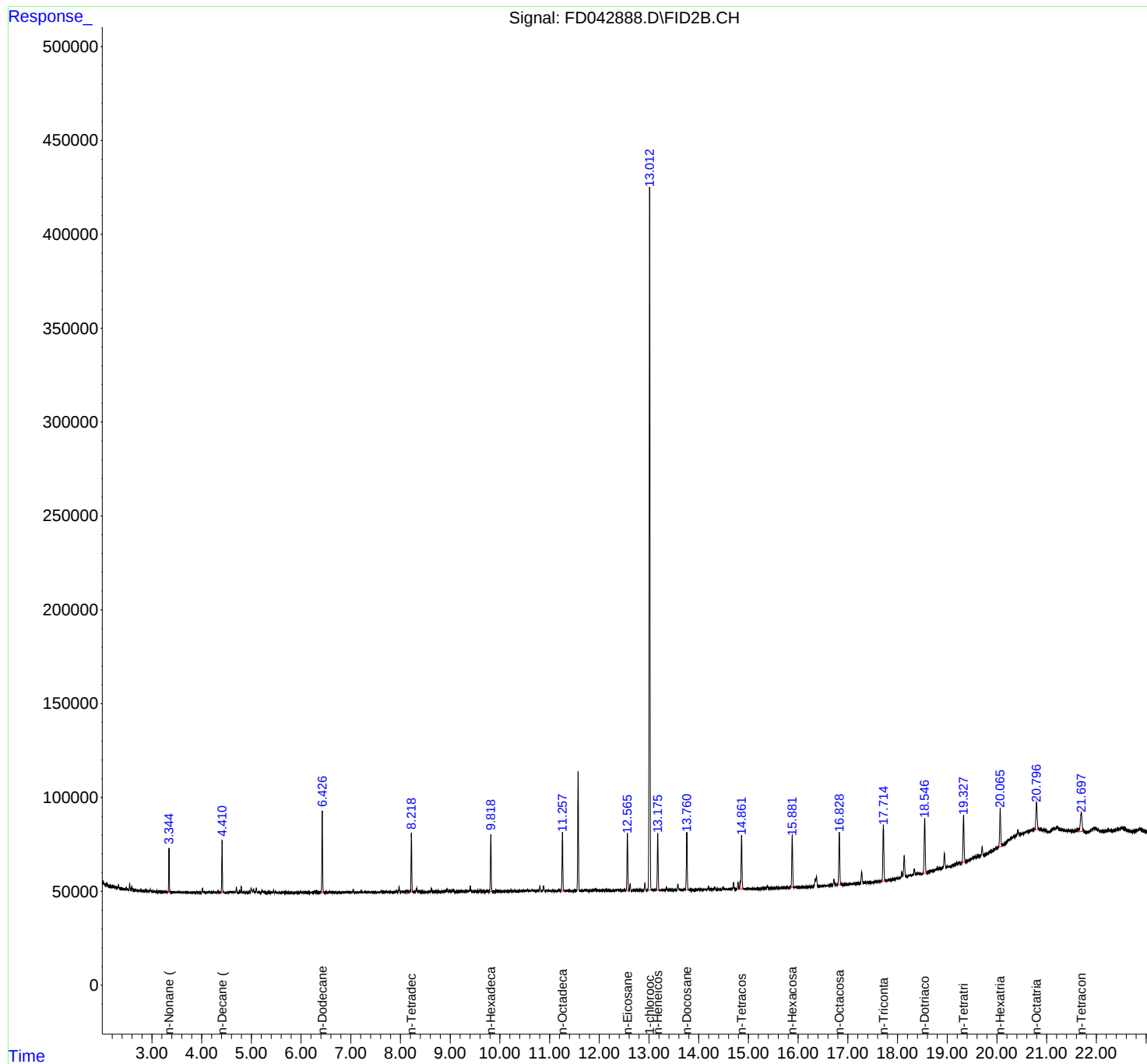
(f)=RT Delta > 1/2 Window

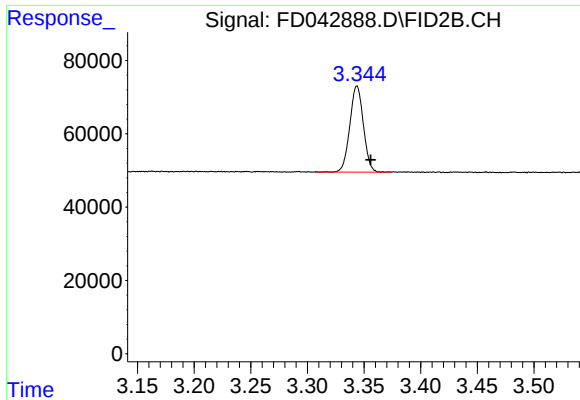
(m)=manual int.

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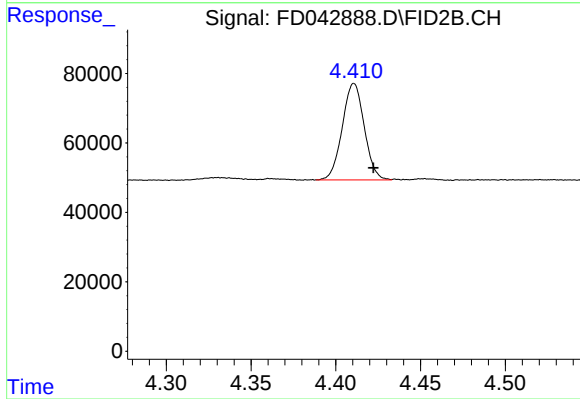
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Signal Info : 20M x 0.18mm x 0.18um





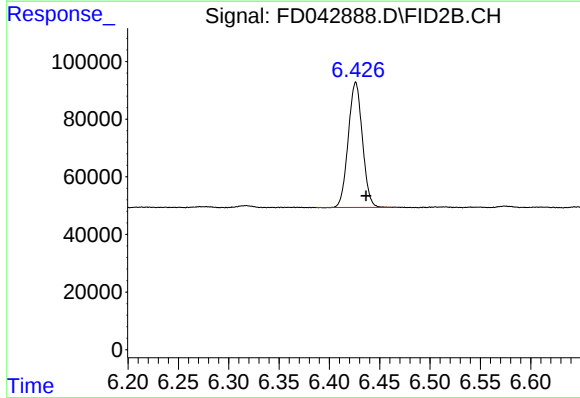
#1 n-Nonane (C9)

R.T.: 3.344 min
Delta R.T.: -0.012 min
Response: 195540
Conc: 1.41 ug/ml



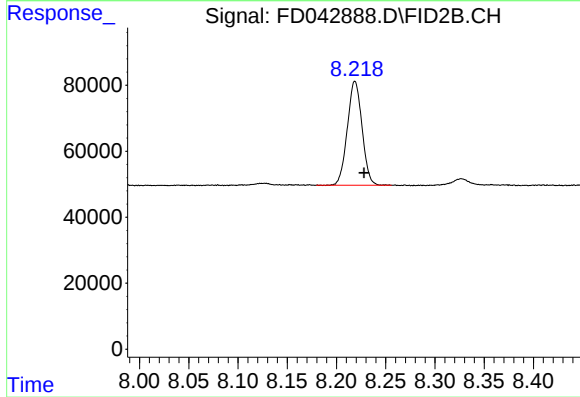
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: -0.012 min
Response: 251169
Conc: 1.82 ug/ml m



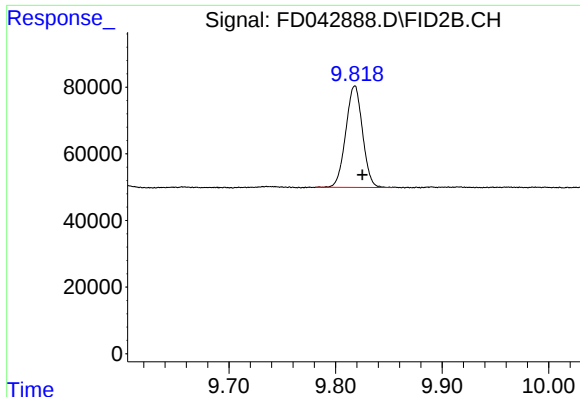
#4 n-Dodecane (C12)

R.T.: 6.426 min
Delta R.T.: -0.010 min
Response: 425337
Conc: 3.00 ug/ml



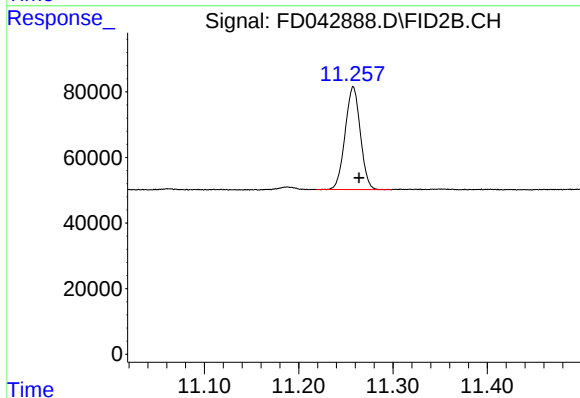
#6 n-Tetradecane (C14)

R.T.: 8.219 min
Delta R.T.: -0.009 min
Response: 327715
Conc: 2.28 ug/ml



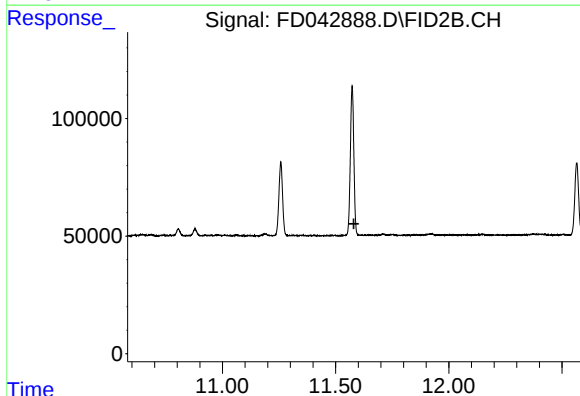
#7 n-Hexadecane (C16)

R.T.: 9.818 min
Delta R.T.: -0.007 min
Response: 331589
Conc: 2.25 ug/ml



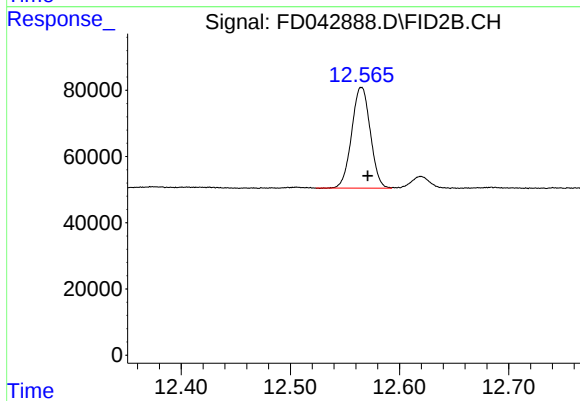
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: -0.006 min
Response: 351810
Conc: 2.34 ug/ml



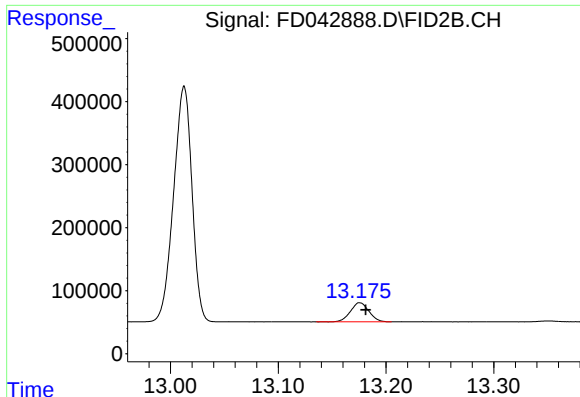
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.581 min
Response: 0
Conc: N.D.



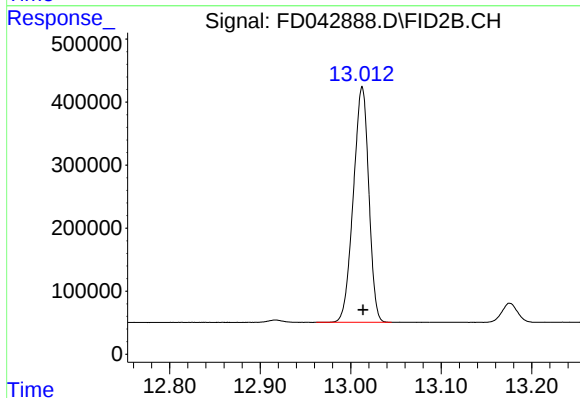
#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: -0.006 min
Response: 361254
Conc: 2.40 ug/ml



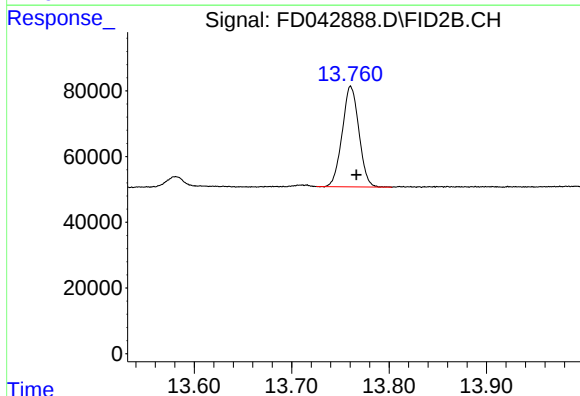
#11 n-Heneicosane (C21)

R.T.: 13.176 min
Delta R.T.: -0.006 min
Response: 362513
Conc: 2.39 ug/ml



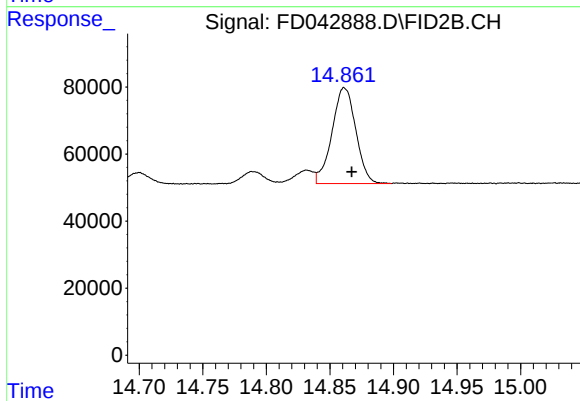
#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: -0.001 min
Response: 4427867
Conc: 33.90 ug/ml



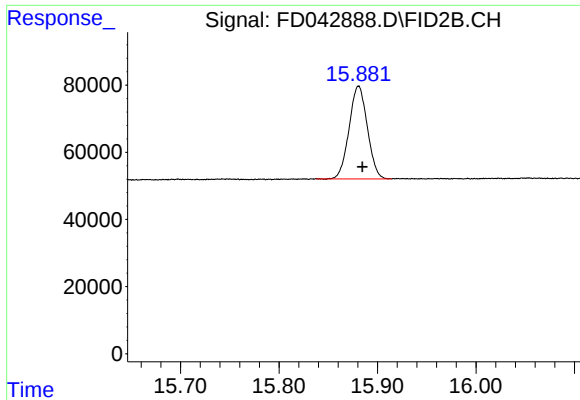
#13 n-Docosane (C22)

R.T.: 13.761 min
Delta R.T.: -0.006 min
Response: 365103
Conc: 2.42 ug/ml



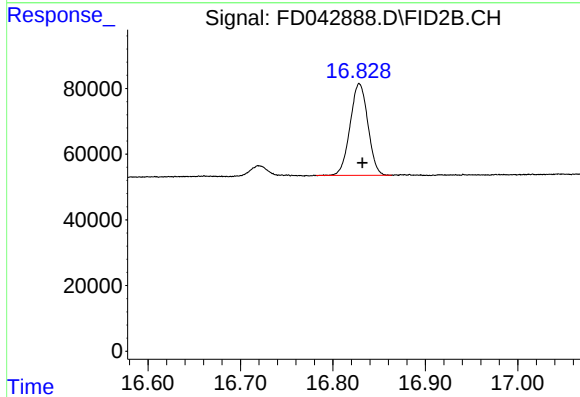
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: -0.006 min
Response: 373607
Conc: 2.49 ug/ml



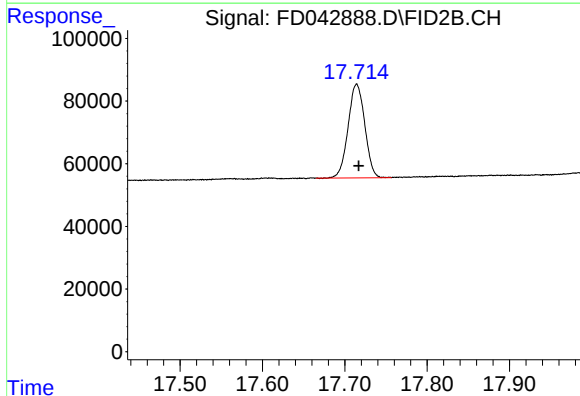
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: -0.004 min
Response: 355627
Conc: 2.44 ug/ml



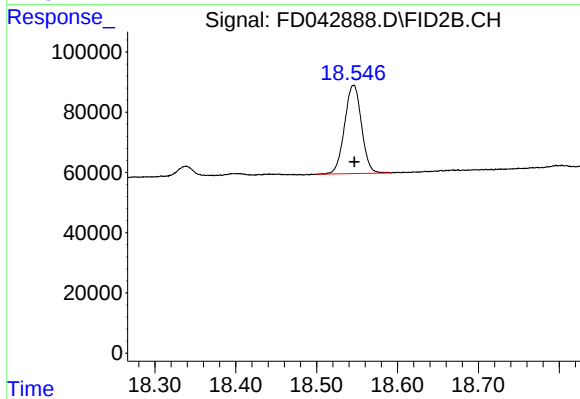
#16 n-Octacosane (C28)

R.T.: 16.829 min
Delta R.T.: -0.003 min
Response: 374078
Conc: 2.68 ug/ml



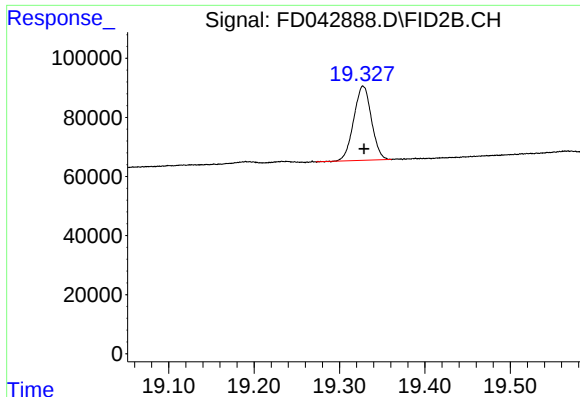
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.003 min
Response: 420654
Conc: 3.22 ug/ml



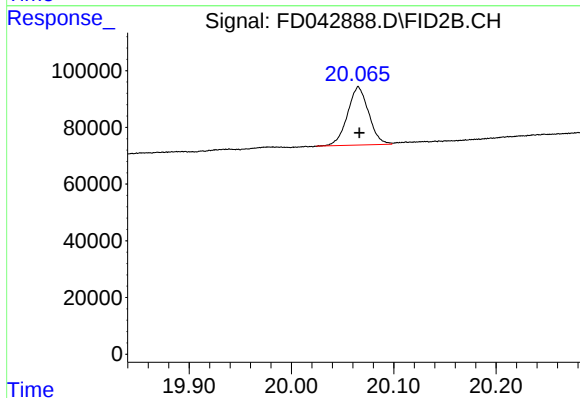
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.001 min
Response: 426720
Conc: 3.61 ug/ml



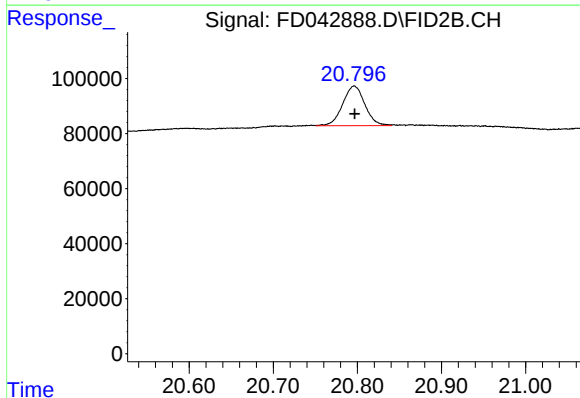
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.001 min
Response: 359945
Conc: 3.39 ug/ml



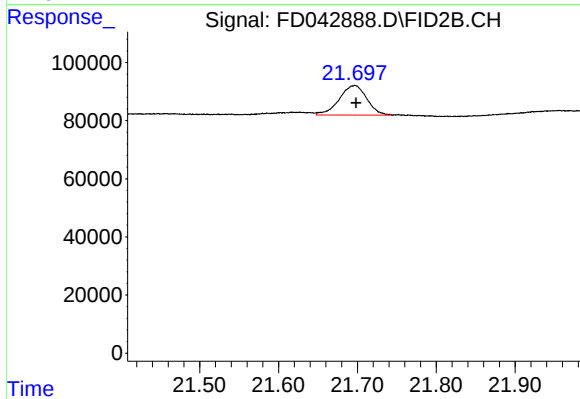
#20 n-Hexatriacontane (C36)

R.T.: 20.065 min
Delta R.T.: -0.002 min
Response: 294756
Conc: 3.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: -0.001 min
Response: 263160
Conc: 2.89 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: -0.001 min
Response: 247770
Conc: 3.06 ug/ml m