

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061322AL\
 Data File : FD042887.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jun 2022 15:04
 Operator : UA/NP
 Sample : N1645-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 14 01:58:16 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			
9) S ortho-Terphenyl (SURR)	11.570	420878	2.534 ug/ml
Spiked Amount 50.000		Recovery =	5.07%
12) S 1-chlorooctadecane (S...	13.011	4451018	34.081 ug/ml
Spiked Amount 50.000		Recovery =	68.16%
Target Compounds			
1) T n-Nonane (C9)	3.341	406664	2.936 ug/ml
2) T n-Decane (C10)	4.409	525967	3.809 ug/ml
4) T n-Dodecane (C12)	6.425	843968	5.956 ug/ml
6) T n-Tetradecane (C14)	8.216	667628	4.636 ug/ml
7) T n-Hexadecane (C16)	9.815	670665	4.547 ug/ml
8) T n-Octadecane (C18)	11.255	715614	4.754 ug/ml
10) T n-Eicosane (C20)	12.564	757556	5.038 ug/ml
11) T n-Heneicosane (C21)	13.175	767782	5.072 ug/ml
13) T n-Docosane (C22)	13.760	772039	5.107 ug/ml
14) T n-Tetracosane (C24)	14.862	770206	5.132 ug/ml
15) T n-Hexacosane (C26)	15.881	729031	5.000 ug/ml
16) T n-Octacosane (C28)	16.828	711227	5.099 ug/ml
17) T n-Tricontane (C30)	17.715	714526	5.465 ug/ml
18) T n-Dotriacontane (C32)	18.546	691425	5.856 ug/ml
19) T n-Tetratriacontane (C34)	19.328	618018	5.814 ug/ml
20) T n-Hexatriacontane (C36)	20.066	518829	5.306 ug/ml
21) T n-Octatriacontane (C38)	20.798	485841	5.326 ug/ml
22) T n-Tetracontane (C40)	21.698	489437	6.040 ug/ml

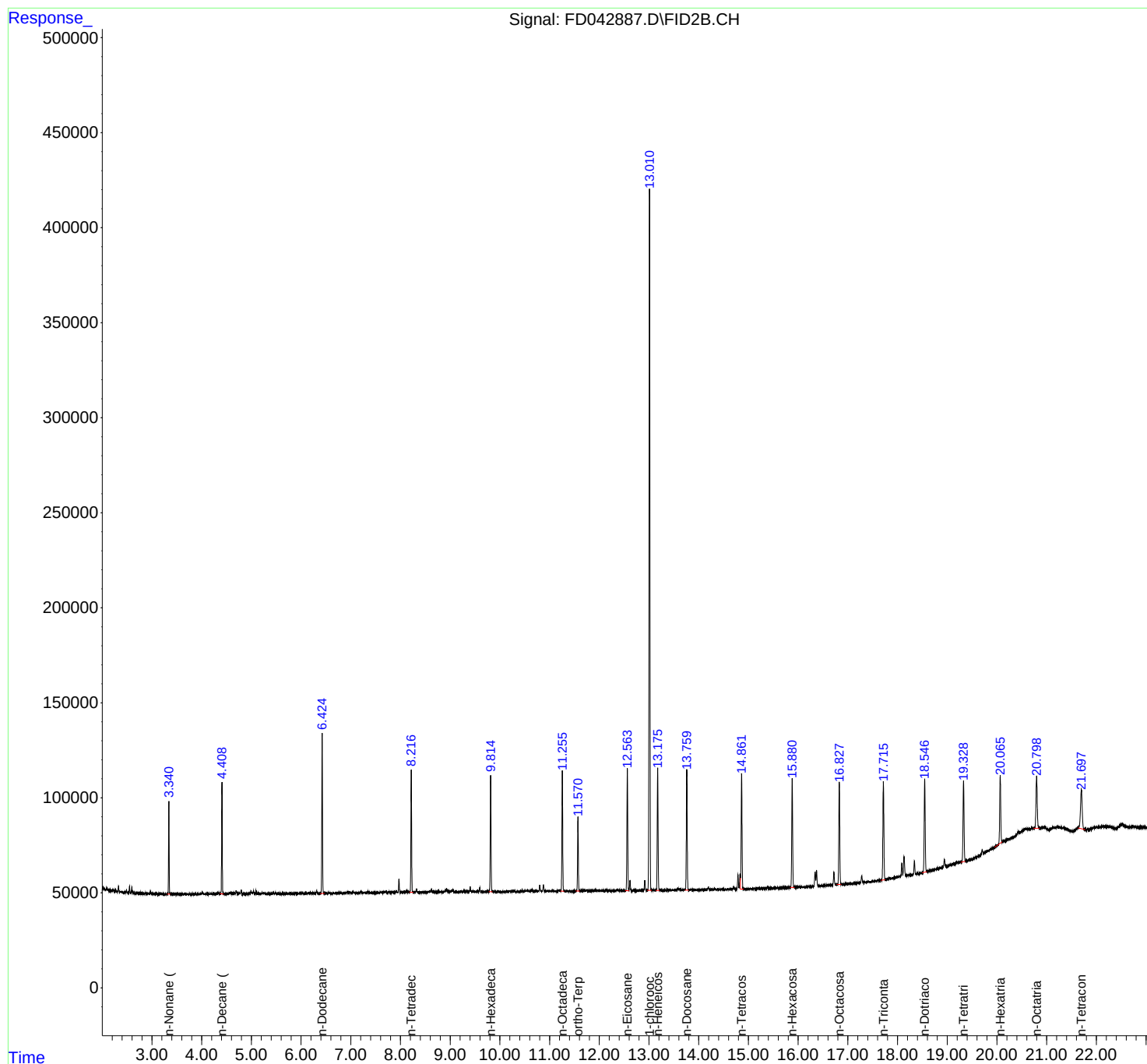
(f)=RT Delta > 1/2 Window

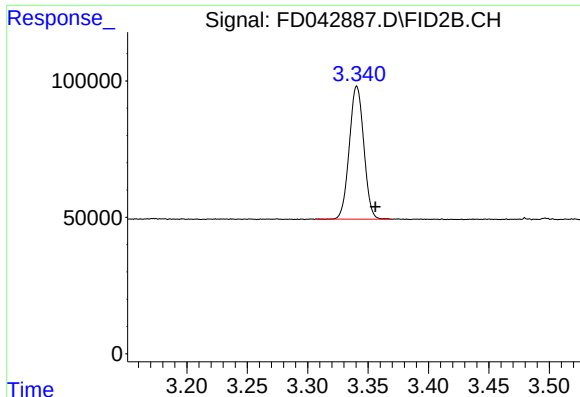
(m)=manual int.

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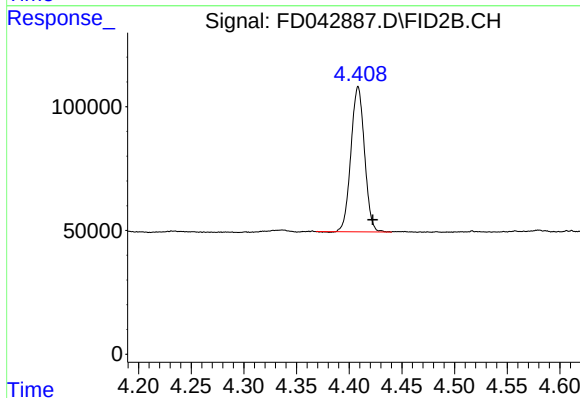
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





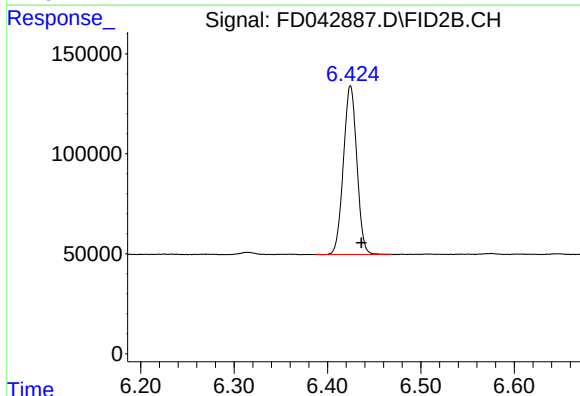
#1 n-Nonane (C9)

R.T.: 3.341 min
Delta R.T.: -0.015 min
Response: 406664
Conc: 2.94 ug/ml



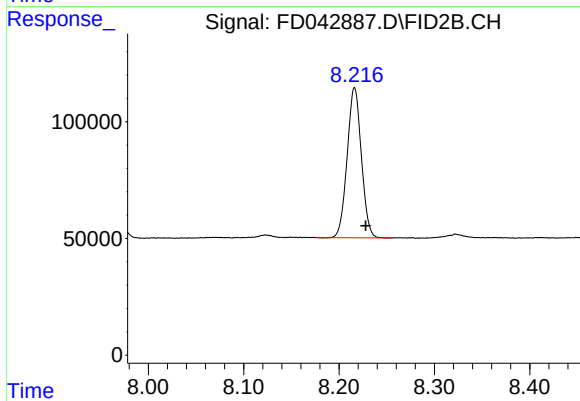
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: -0.014 min
Response: 525967
Conc: 3.81 ug/ml



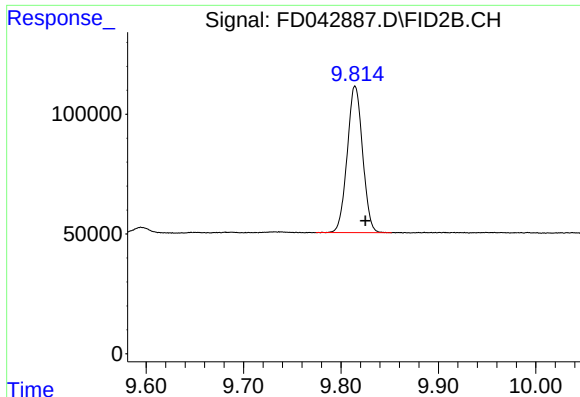
#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: -0.012 min
Response: 843968
Conc: 5.96 ug/ml



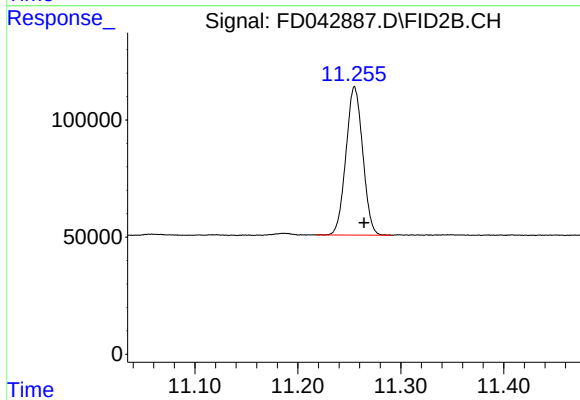
#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: -0.012 min
Response: 667628
Conc: 4.64 ug/ml



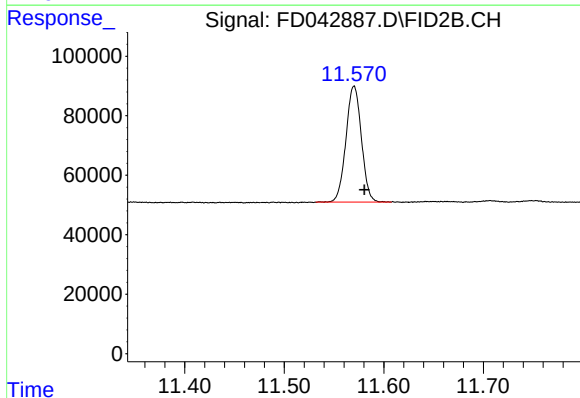
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.011 min
Response: 670665
Conc: 4.55 ug/ml



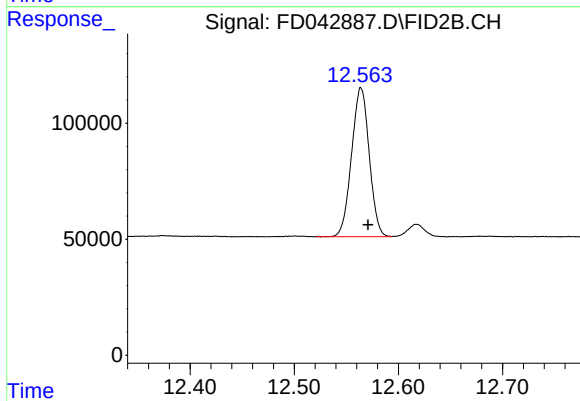
#8 n-Octadecane (C18)

R.T.: 11.255 min
Delta R.T.: -0.009 min
Response: 715614
Conc: 4.75 ug/ml



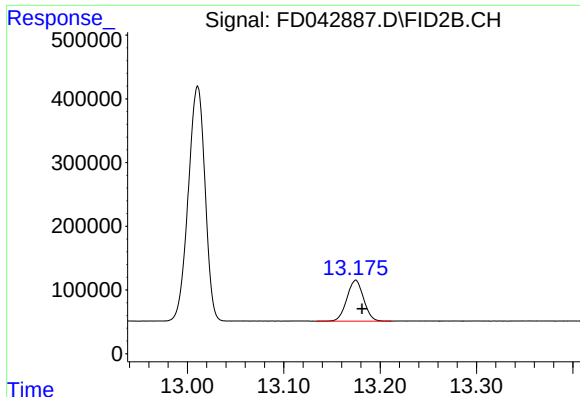
#9 ortho-Terphenyl (SURR)

R.T.: 11.570 min
Delta R.T.: -0.010 min
Response: 420878
Conc: 2.53 ug/ml



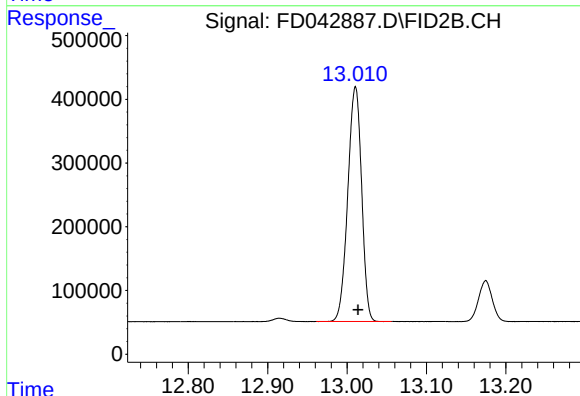
#10 n-Eicosane (C20)

R.T.: 12.564 min
Delta R.T.: -0.007 min
Response: 757556
Conc: 5.04 ug/ml



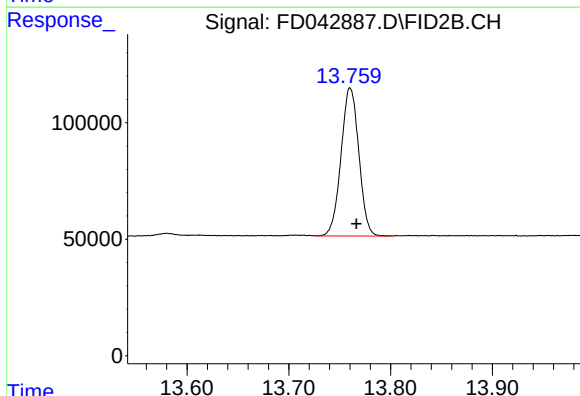
#11 n-Heneicosane (C21)

R.T.: 13.175 min
Delta R.T.: -0.007 min
Response: 767782
Conc: 5.07 ug/ml



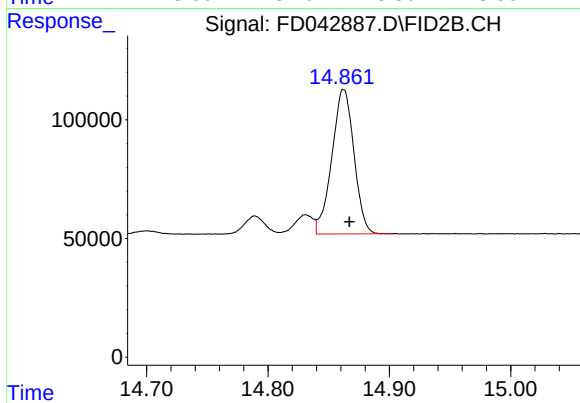
#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min
Delta R.T.: -0.003 min
Response: 4451018
Conc: 34.08 ug/ml



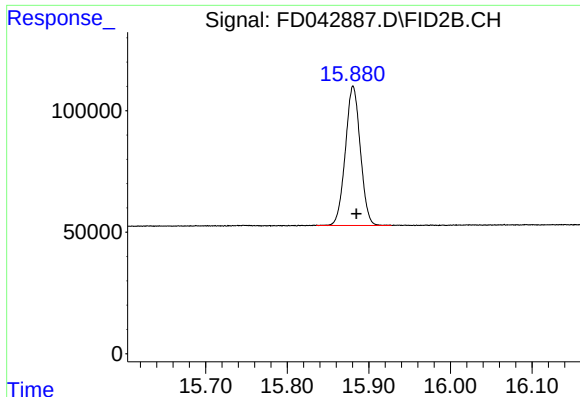
#13 n-Docosane (C22)

R.T.: 13.760 min
Delta R.T.: -0.006 min
Response: 772039
Conc: 5.11 ug/ml



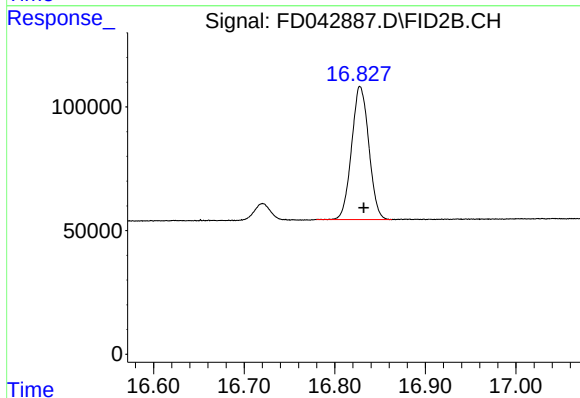
#14 n-Tetracosane (C24)

R.T.: 14.862 min
Delta R.T.: -0.005 min
Response: 770206
Conc: 5.13 ug/ml



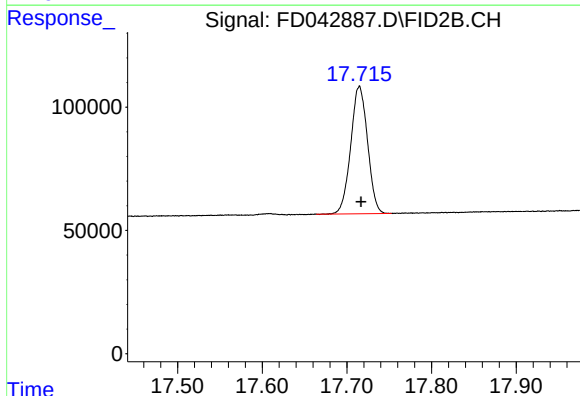
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: -0.004 min
Response: 729031
Conc: 5.00 ug/ml



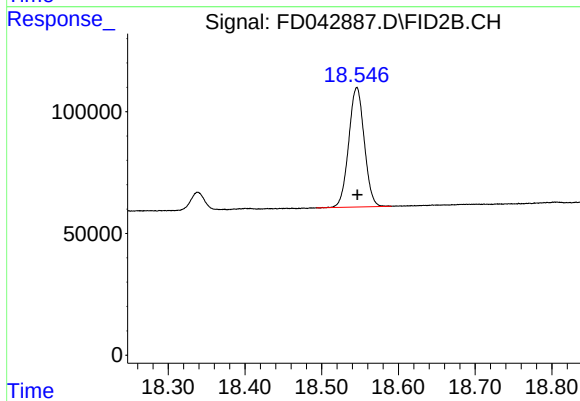
#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: -0.004 min
Response: 711227
Conc: 5.10 ug/ml



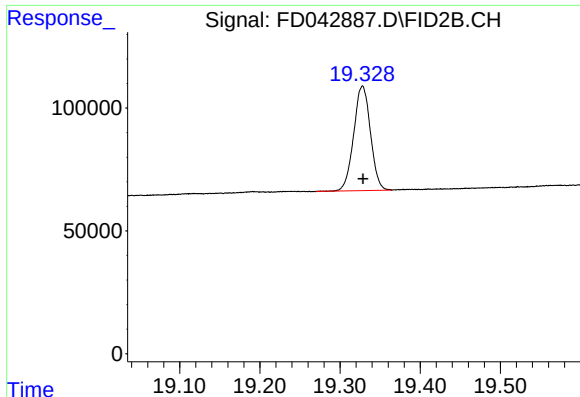
#17 n-Tricontane (C30)

R.T.: 17.715 min
Delta R.T.: -0.002 min
Response: 714526
Conc: 5.47 ug/ml



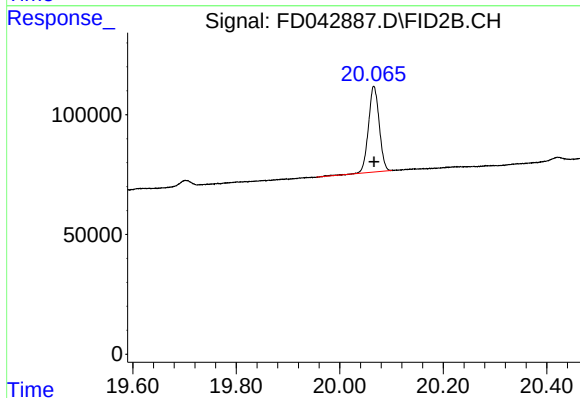
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: 0.000 min
Response: 691425
Conc: 5.86 ug/ml



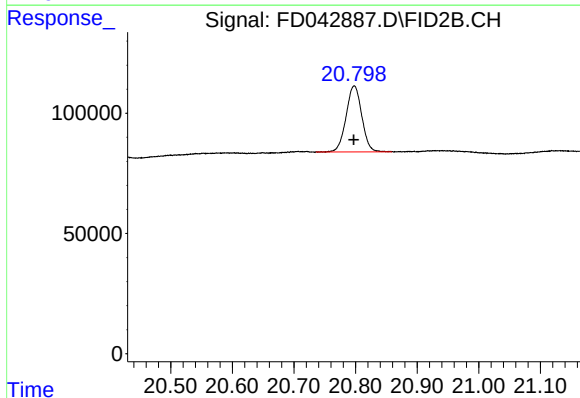
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: 0.000 min
Response: 618018
Conc: 5.81 ug/ml



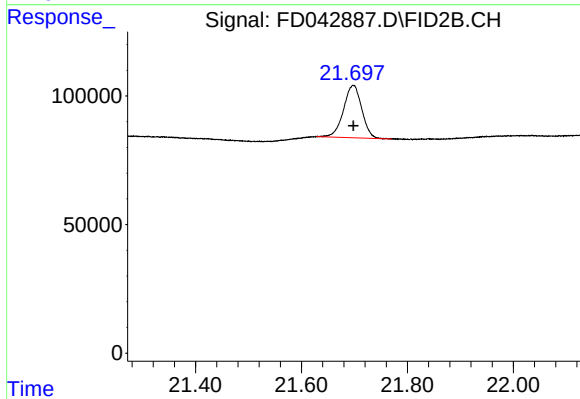
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: 0.000 min
Response: 518829
Conc: 5.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: 0.000 min
Response: 485841
Conc: 5.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: 0.000 min
Response: 489437
Conc: 6.04 ug/ml