

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061322AL\
 Data File : FD042885.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jun 2022 12:48
 Operator : UA/NP
 Sample : N1645-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 14 01:57:50 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)	11.573	673597	4.056 ug/ml
Spiked Amount 50.000		Recovery =	8.11%
12) S 1-chlorooctadecane (S...	13.013	4384317	33.571 ug/ml
Spiked Amount 50.000		Recovery =	67.14%
Target Compounds			
1) T n-Nonane (C9)	3.343	195866	1.414 ug/ml
2) T n-Decane (C10)	4.410	249594	1.808 ug/ml
4) T n-Dodecane (C12)	6.426	423827	2.991 ug/ml
6) T n-Tetradecane (C14)	8.219	325685	2.261 ug/ml
7) T n-Hexadecane (C16)	9.818	329397	2.233 ug/ml
8) T n-Octadecane (C18)	11.258	347913	2.311 ug/ml
10) T n-Eicosane (C20)	12.566	355539	2.364 ug/ml
11) T n-Heneicosane (C21)	13.177	357143	2.359 ug/ml
13) T n-Docosane (C22)	13.762	357857	2.367 ug/ml
14) T n-Tetracosane (C24)	14.863	400442	2.668 ug/ml
15) T n-Hexacosane (C26)	15.882	342557	2.350 ug/ml
16) T n-Octacosane (C28)	16.830	355847	2.551 ug/ml
17) T n-Tricontane (C30)	17.715	406466	3.109 ug/ml
18) T n-Dotriacontane (C32)	18.545	413800	3.505 ug/ml
19) T n-Tetratriacontane (C34)	19.328	356409	3.353 ug/ml
20) T n-Hexatriacontane (C36)	20.066	328111	3.356 ug/ml
21) T n-Octatriacontane (C38)	20.797	300096	3.290 ug/ml
22) T n-Tetracontane (C40)	21.699	235180	2.902 ug/ml

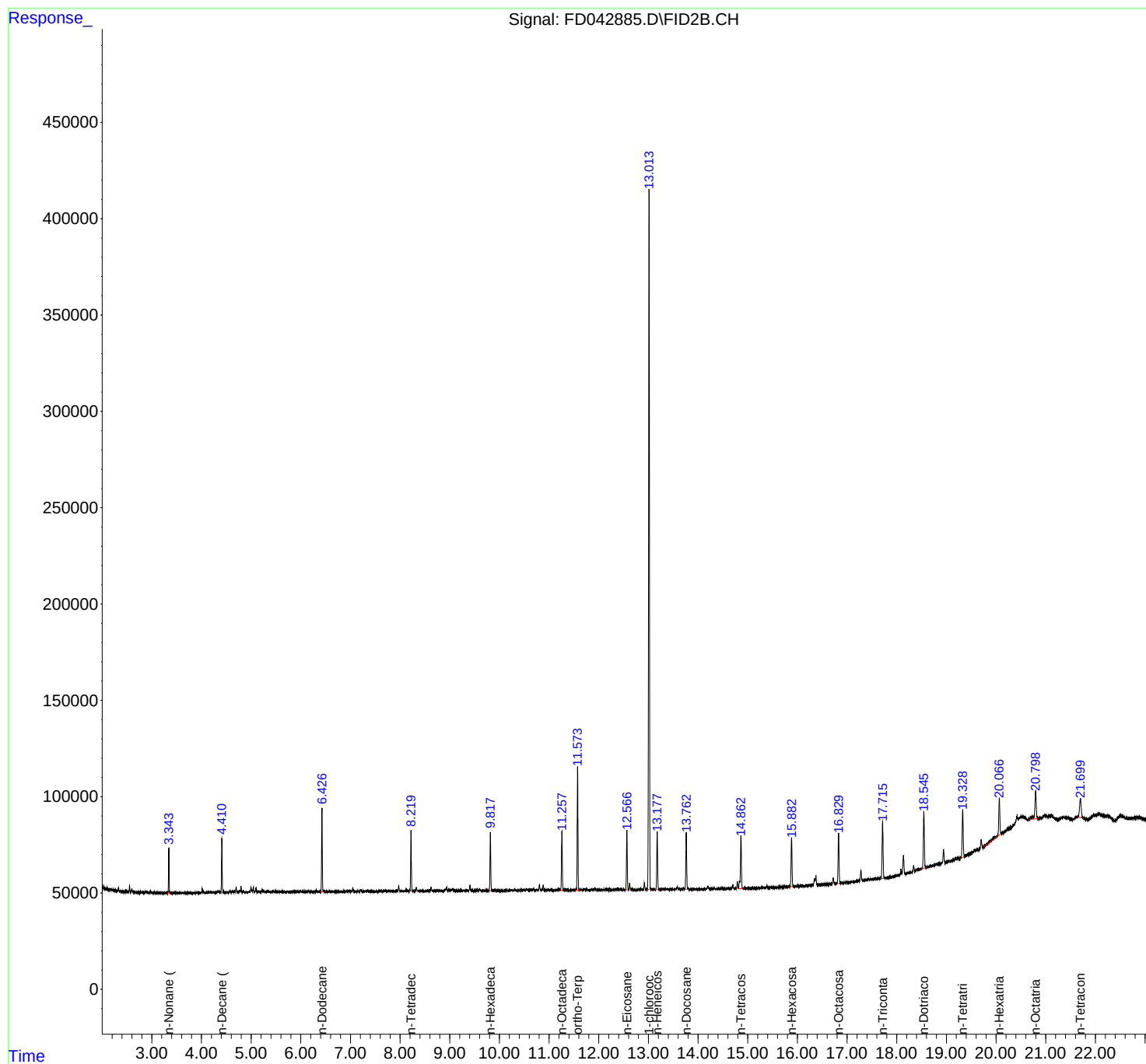
(f)=RT Delta > 1/2 Window

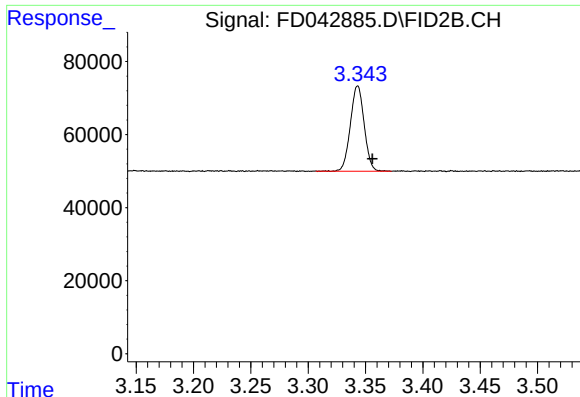
(m)=manual int.

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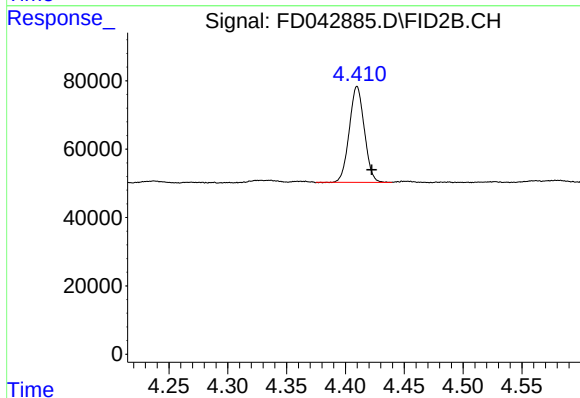
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Signal Info : 20M x 0.18mm x 0.18um





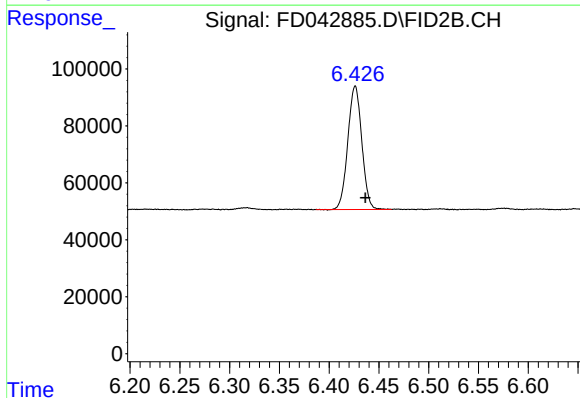
#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: -0.013 min
Response: 195866
Conc: 1.41 ug/ml



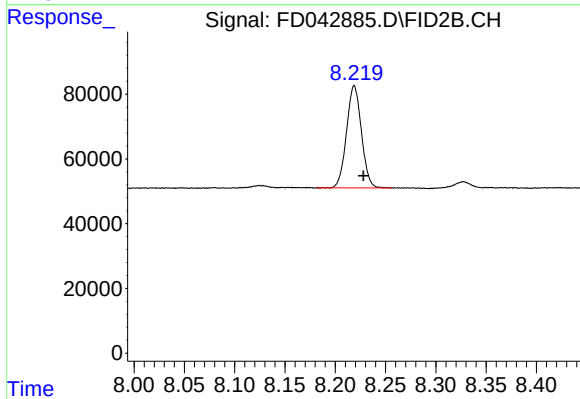
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: -0.012 min
Response: 249594
Conc: 1.81 ug/ml



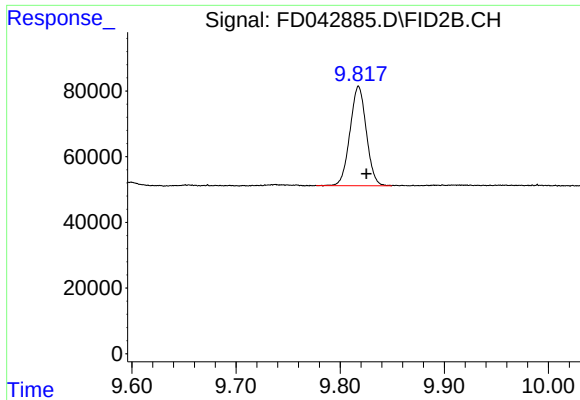
#4 n-Dodecane (C12)

R.T.: 6.426 min
Delta R.T.: -0.010 min
Response: 423827
Conc: 2.99 ug/ml



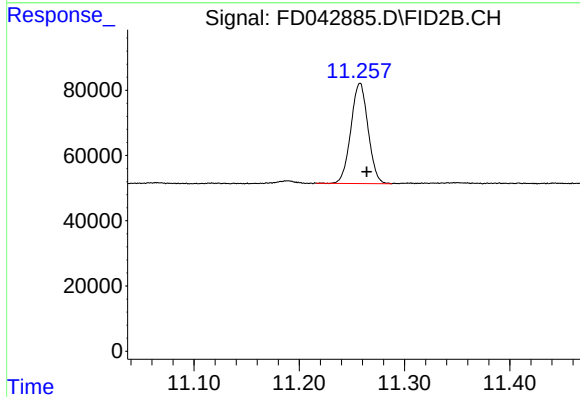
#6 n-Tetradecane (C14)

R.T.: 8.219 min
Delta R.T.: -0.009 min
Response: 325685
Conc: 2.26 ug/ml



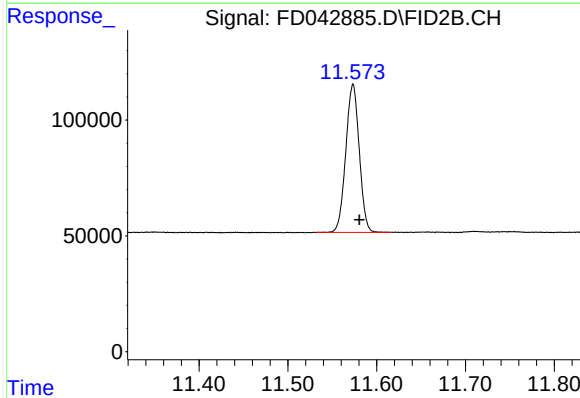
#7 n-Hexadecane (C16)

R.T.: 9.818 min
Delta R.T.: -0.008 min
Response: 329397
Conc: 2.23 ug/ml



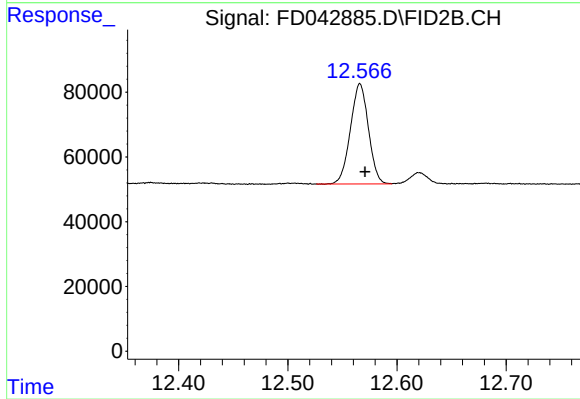
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: -0.006 min
Response: 347913
Conc: 2.31 ug/ml



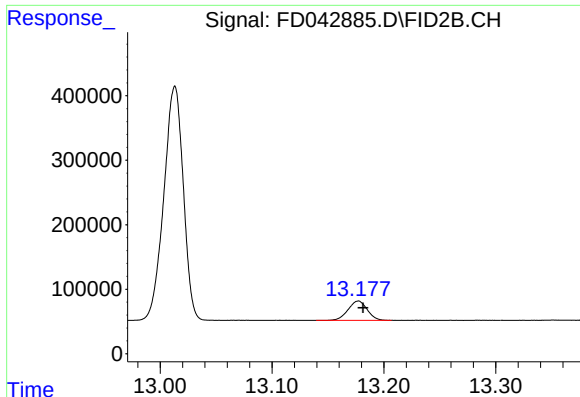
#9 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: -0.007 min
Response: 673597
Conc: 4.06 ug/ml



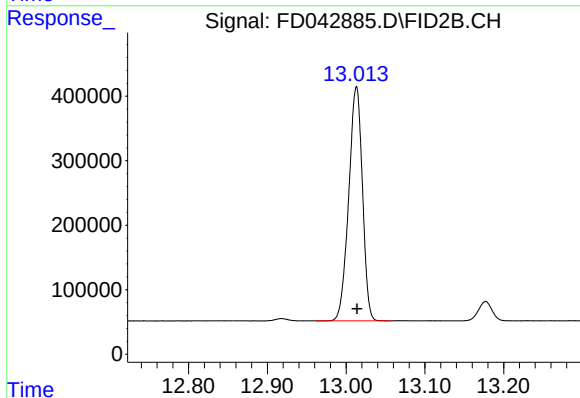
#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: -0.005 min
Response: 355539
Conc: 2.36 ug/ml



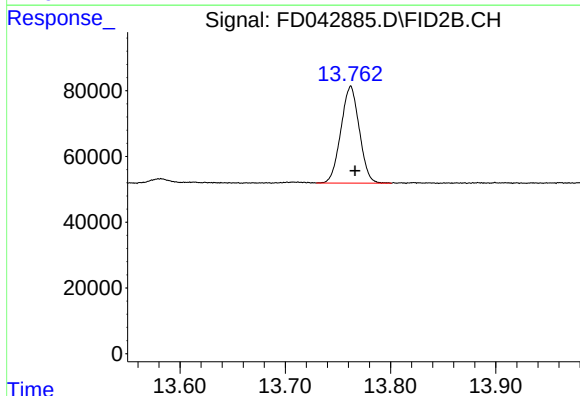
#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: -0.004 min
Response: 357143
Conc: 2.36 ug/ml



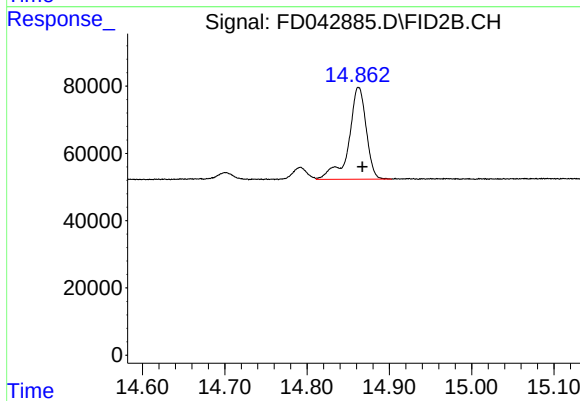
#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: 0.000 min
Response: 4384317
Conc: 33.57 ug/ml



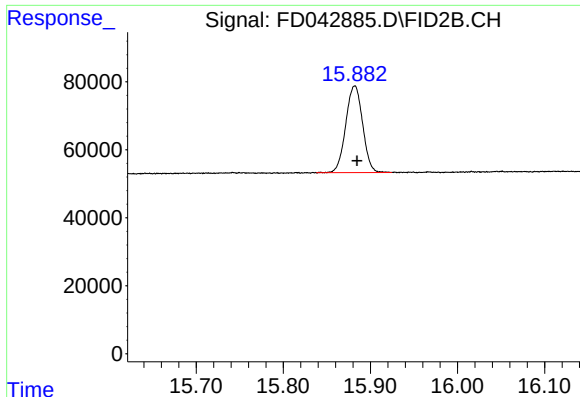
#13 n-Docosane (C22)

R.T.: 13.762 min
Delta R.T.: -0.004 min
Response: 357857
Conc: 2.37 ug/ml



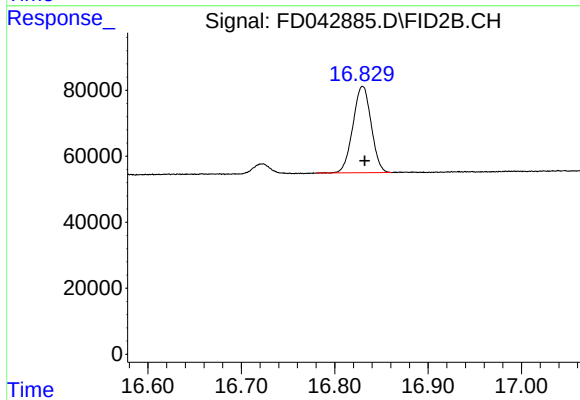
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.005 min
Response: 400442
Conc: 2.67 ug/ml



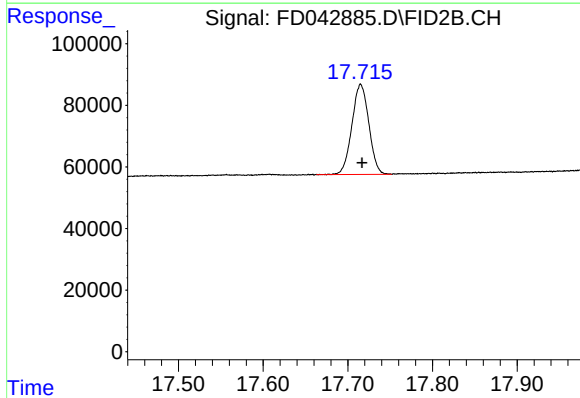
#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: -0.003 min
Response: 342557
Conc: 2.35 ug/ml



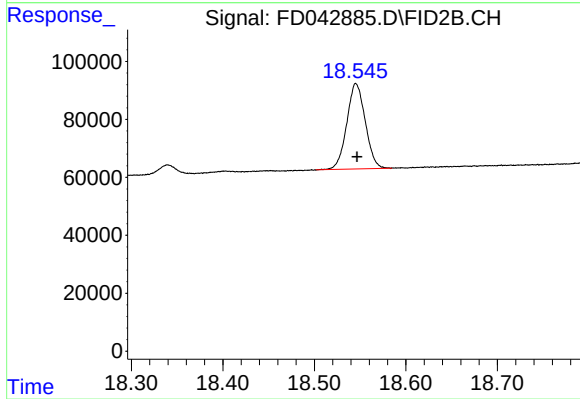
#16 n-Octacosane (C28)

R.T.: 16.830 min
Delta R.T.: -0.002 min
Response: 355847
Conc: 2.55 ug/ml



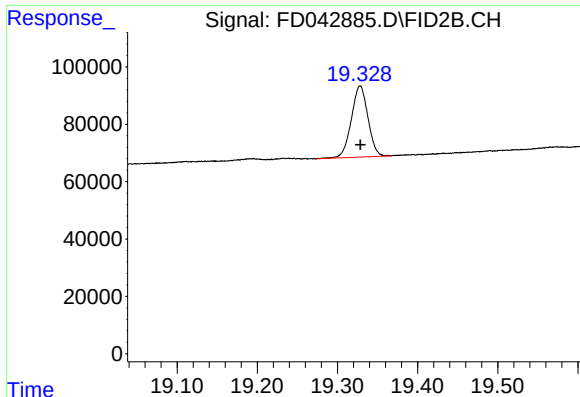
#17 n-Tricontane (C30)

R.T.: 17.715 min
Delta R.T.: -0.002 min
Response: 406466
Conc: 3.11 ug/ml



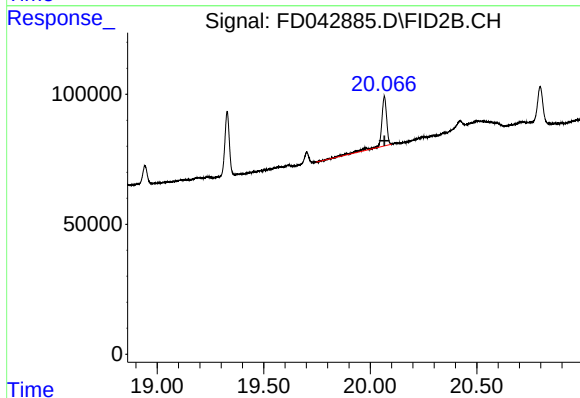
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.001 min
Response: 413800
Conc: 3.50 ug/ml



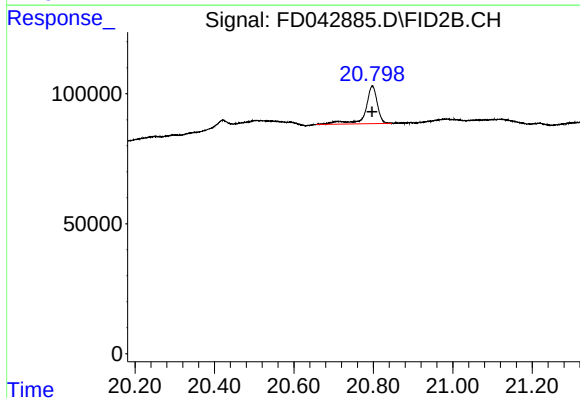
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: 0.000 min
Response: 356409
Conc: 3.35 ug/ml



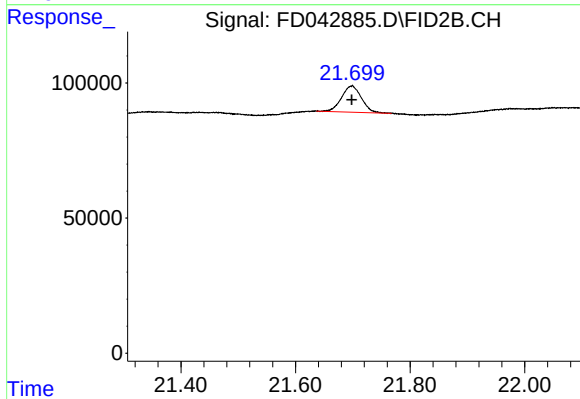
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: 0.000 min
Response: 328111
Conc: 3.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: 0.000 min
Response: 300096
Conc: 3.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.699 min
Delta R.T.: 0.000 min
Response: 235180
Conc: 2.90 ug/ml