

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040721AL\
 Data File : FC053004.D
 Signal(s) : FID1A.CH
 Acq On : 07 Apr 2021 12:35
 Operator : DD\AJ
 Sample : M1458-03
 Misc : MDL-SOIL-2.5 PPM
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 08 02:33:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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...	12.998	5033876	46.671 ug/ml
Spiked Amount 50.000		Recovery =	93.34%
Target Compounds			
1) T n-Nonane (C9)	3.313	302324	2.603 ug/mlm
2) T n-Decane (C10)	4.379	299504	2.556 ug/mlm
4) T n-Dodecane (C12)	6.397	315023	2.624 ug/mlm
6) T n-Tetradecane (C14)	8.193	318204	2.631 ug/mlm
7) T n-Hexadecane (C16)	9.795	324120	2.695 ug/mlm
8) T n-Octadecane (C18)	11.237	321448	2.548 ug/mlm
10) T n-Eicosane (C20)	12.548	305917	2.396 ug/mlm
11) T n-Heneicosane (C21)	13.160	293703	2.311 ug/mlm
13) T n-Docosane (C22)	13.747	295016	2.329 ug/mlm
14) T n-Tetracosane (C24)	14.850	273817	2.192 ug/mlm
15) T n-Hexacosane (C26)	15.871	271544	2.255 ug/mlm
16) T n-Octacosane (C28)	16.821	292972	2.541 ug/mlm
17) T n-Tricontane (C30)	17.707	357054	3.277 ug/mlm
18) T n-Dotriacontane (C32)	18.541	369388	3.681 ug/mlm
19) T n-Tetratriacontane (C34)	19.321	343648	3.739 ug/mlm
20) T n-Hexatriacontane (C36)	20.063	313052	3.433 ug/mlm
21) T n-Octatriacontane (C38)	20.793	277995	3.406 ug/mlm
22) T n-Tetracontane (C40)	21.693	281520	3.268 ug/mlm

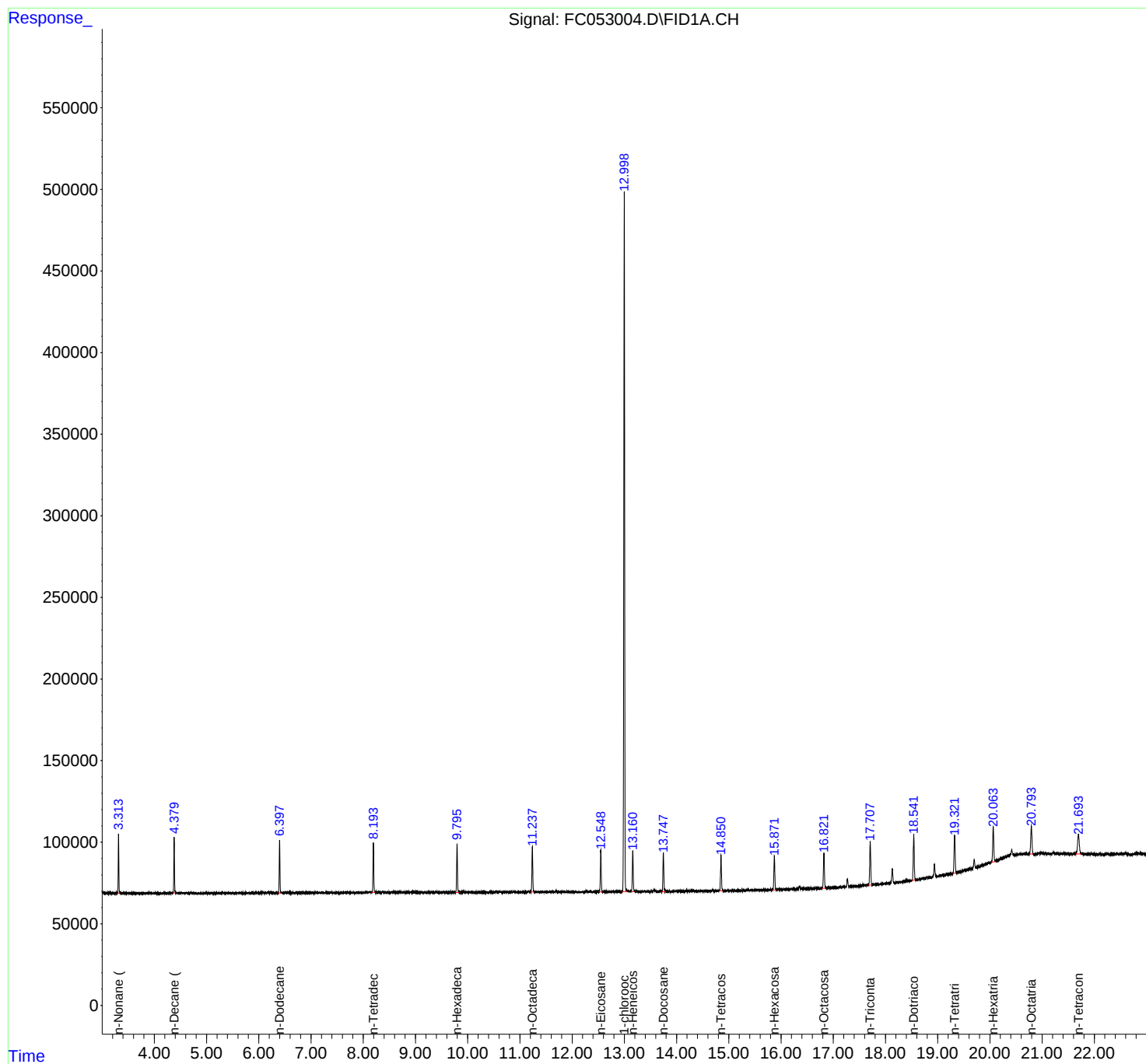
(f)=RT Delta > 1/2 Window

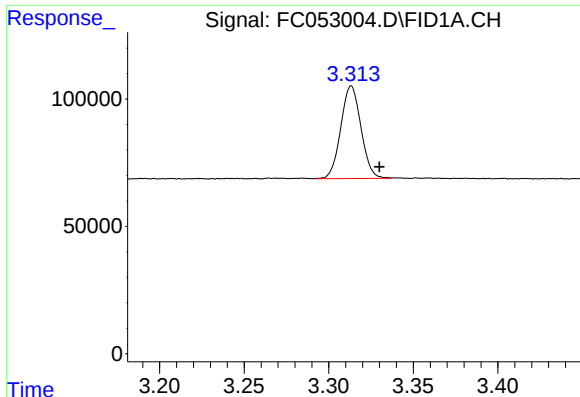
(m)=manual int.

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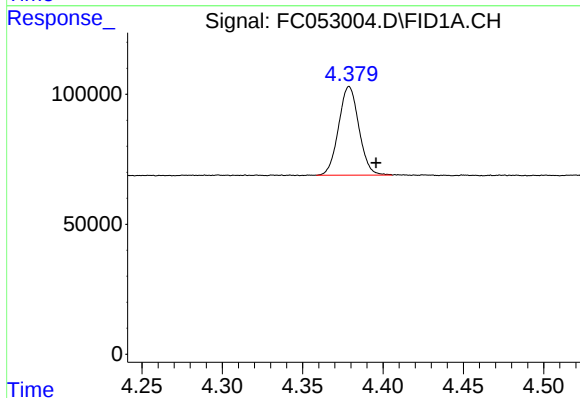
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





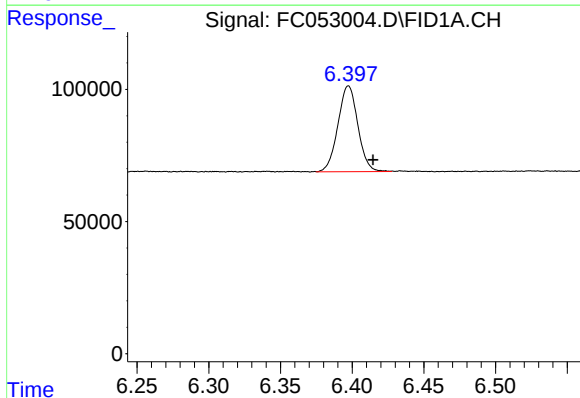
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.017 min
Response: 302324
Conc: 2.60 ug/ml m



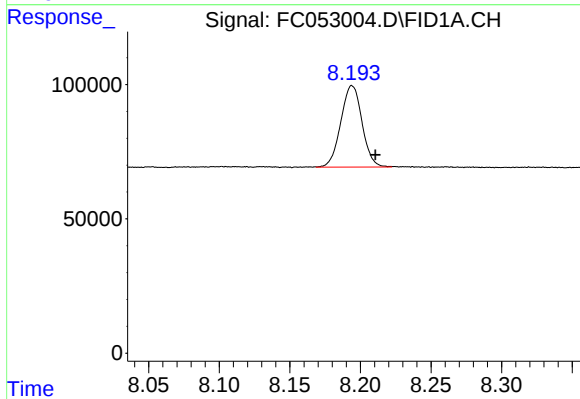
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.017 min
Response: 299504
Conc: 2.56 ug/ml m



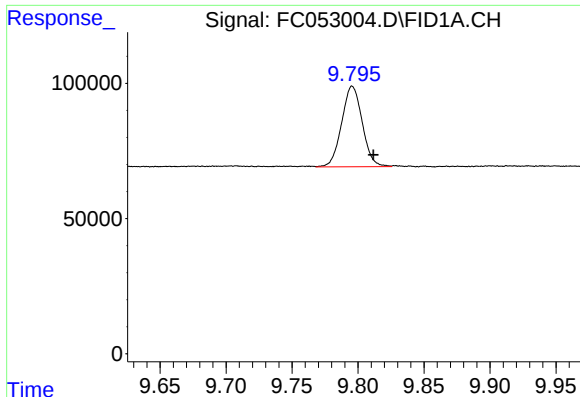
#4 n-Dodecane (C12)

R.T.: 6.397 min
Delta R.T.: -0.017 min
Response: 315023
Conc: 2.62 ug/ml m



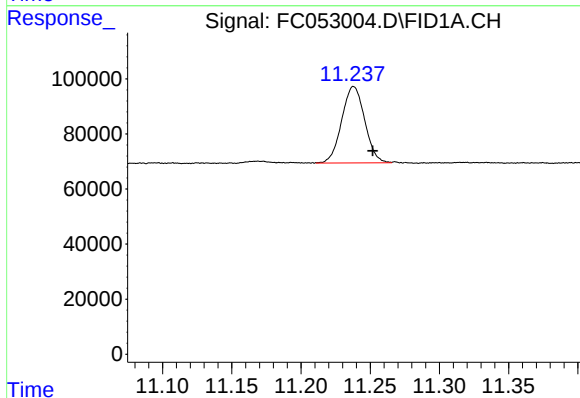
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: -0.017 min
Response: 318204
Conc: 2.63 ug/ml m



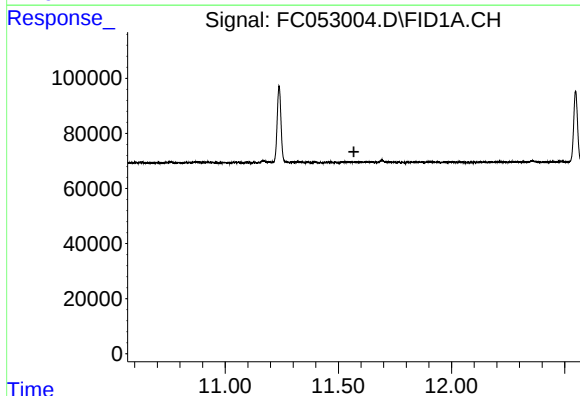
#7 n-Hexadecane (C16)

R.T.: 9.795 min
Delta R.T.: -0.017 min
Response: 324120
Conc: 2.69 ug/ml m



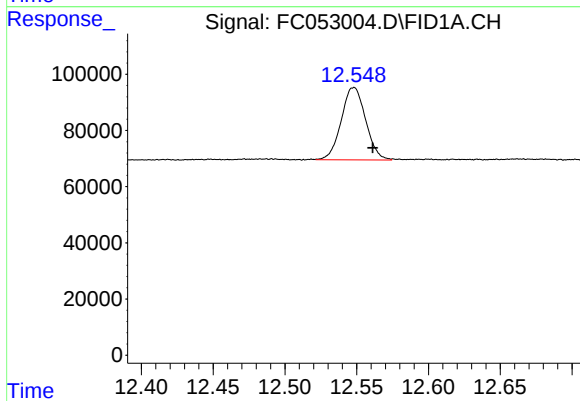
#8 n-Octadecane (C18)

R.T.: 11.237 min
Delta R.T.: -0.014 min
Response: 321448
Conc: 2.55 ug/ml m



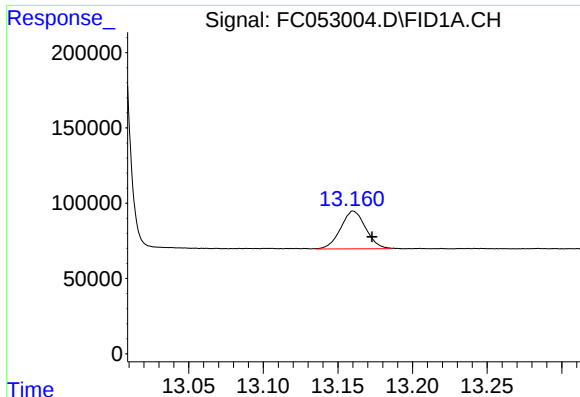
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.568 min
Response: 0
Conc: N.D.



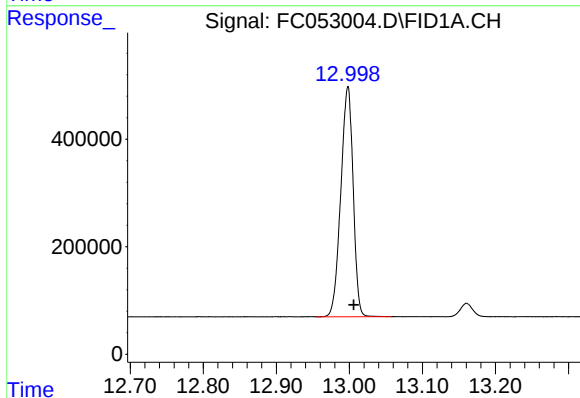
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: -0.013 min
Response: 305917
Conc: 2.40 ug/ml m



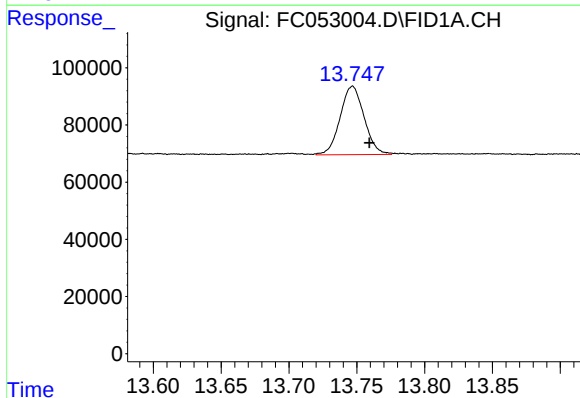
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: -0.013 min
Response: 293703
Conc: 2.31 ug/ml m



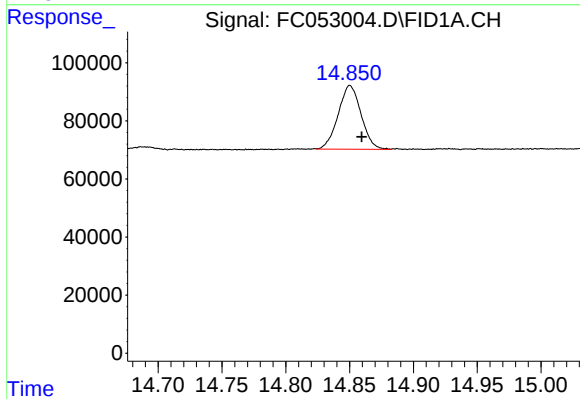
#12 1-chlorooctadecane (SURR)

R.T.: 12.998 min
Delta R.T.: -0.008 min
Response: 5033876
Conc: 46.67 ug/ml



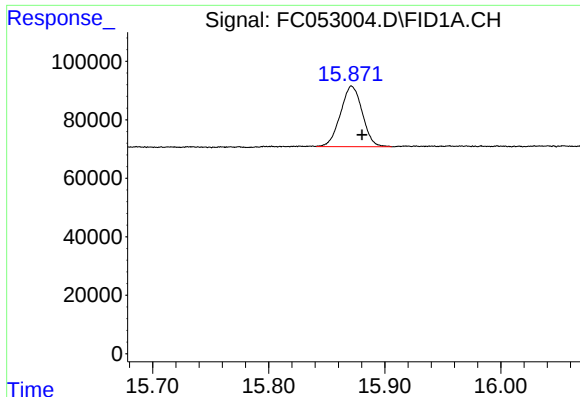
#13 n-Docosane (C22)

R.T.: 13.747 min
Delta R.T.: -0.013 min
Response: 295016
Conc: 2.33 ug/ml m



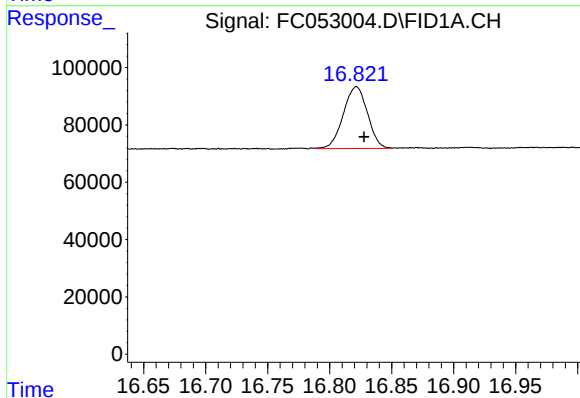
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: -0.010 min
Response: 273817
Conc: 2.19 ug/ml m



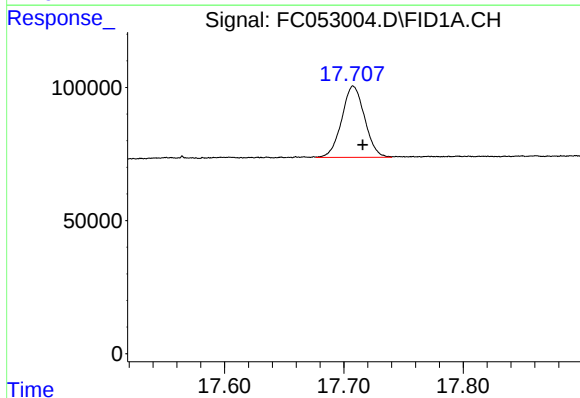
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: -0.010 min
Response: 271544
Conc: 2.26 ug/ml m



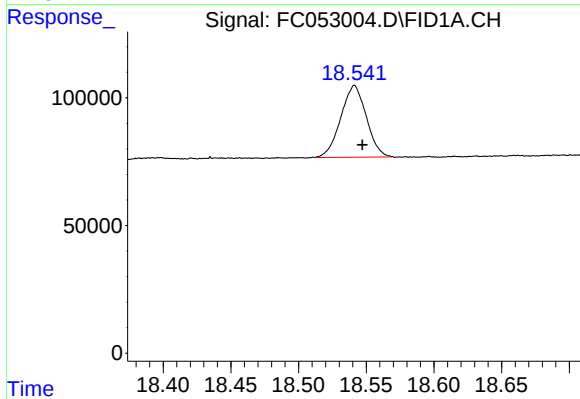
#16 n-Octacosane (C28)

R.T.: 16.821 min
Delta R.T.: -0.006 min
Response: 292972
Conc: 2.54 ug/ml m



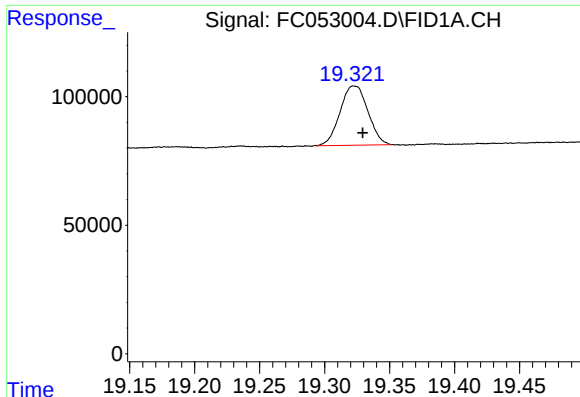
#17 n-Tricontane (C30)

R.T.: 17.707 min
Delta R.T.: -0.009 min
Response: 357054
Conc: 3.28 ug/ml m



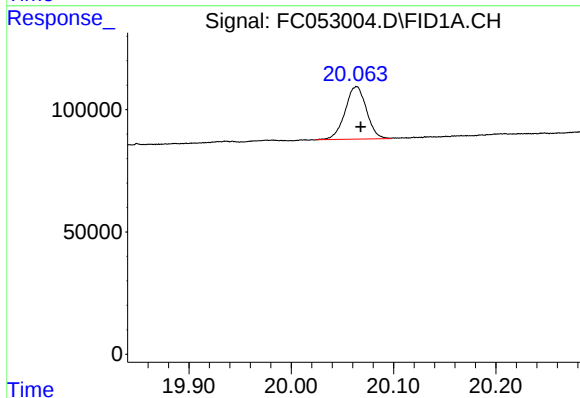
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.006 min
Response: 369388
Conc: 3.68 ug/ml m



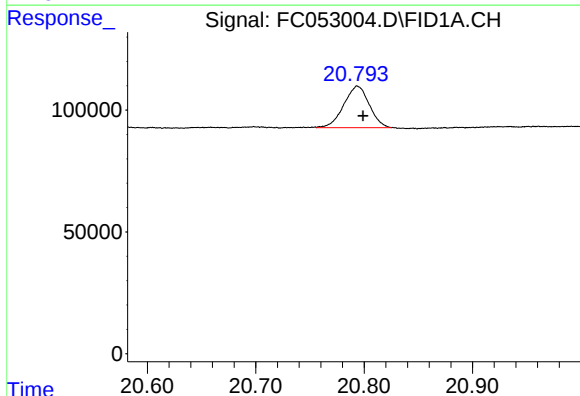
#19 n-Tetratriacontane (C34)

R.T.: 19.321 min
Delta R.T.: -0.008 min
Response: 343648
Conc: 3.74 ug/ml m



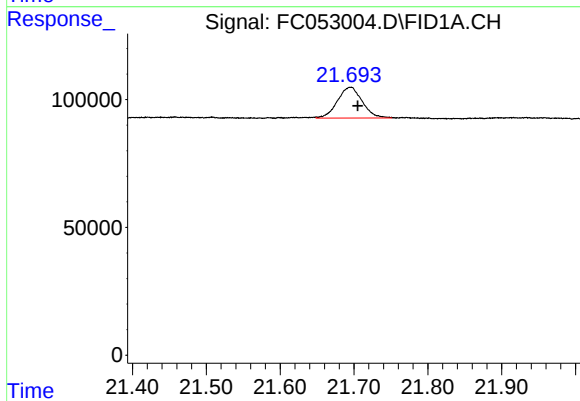
#20 n-Hexatriacontane (C36)

R.T.: 20.063 min
Delta R.T.: -0.005 min
Response: 313052
Conc: 3.43 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.793 min
Delta R.T.: -0.006 min
Response: 277995
Conc: 3.41 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.693 min
Delta R.T.: -0.012 min
Response: 281520
Conc: 3.27 ug/ml m