

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040721AL\
 Data File : FC053003.D
 Signal(s) : FID1A.CH
 Acq On : 07 Apr 2021 11:58
 Operator : DD\AJ
 Sample : M1458-09
 Misc : MDL-WATER- 2.5 PPM
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 08 02:33:06 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...	12.997	5064945	46.959 ug/ml
Spiked Amount 50.000		Recovery =	93.92%
Target Compounds			
1) T n-Nonane (C9)	3.313	304018	2.617 ug/mlm
2) T n-Decane (C10)	4.379	311616	2.659 ug/mlm
4) T n-Dodecane (C12)	6.397	317825	2.647 ug/mlm
6) T n-Tetradecane (C14)	8.194	318303	2.632 ug/mlm
7) T n-Hexadecane (C16)	9.796	325614	2.707 ug/mlm
8) T n-Octadecane (C18)	11.238	324933	2.575 ug/mlm
10) T n-Eicosane (C20)	12.548	314322	2.462 ug/mlm
11) T n-Heneicosane (C21)	13.161	298196	2.346 ug/mlm
13) T n-Docosane (C22)	13.748	301060	2.377 ug/mlm
14) T n-Tetracosane (C24)	14.851	281767	2.256 ug/mlm
15) T n-Hexacosane (C26)	15.872	269244	2.236 ug/mlm
16) T n-Octacosane (C28)	16.822	287473	2.493 ug/mlm
17) T n-Tricontane (C30)	17.709	350336	3.216 ug/mlm
18) T n-Dotriacontane (C32)	18.539	373373	3.721 ug/mlm
19) T n-Tetratriacontane (C34)	19.324	351672	3.826 ug/mlm
20) T n-Hexatriacontane (C36)	20.064	317380	3.481 ug/mlm
21) T n-Octatriacontane (C38)	20.795	283878	3.478 ug/mlm
22) T n-Tetracontane (C40)	21.695	268794	3.120 ug/mlm

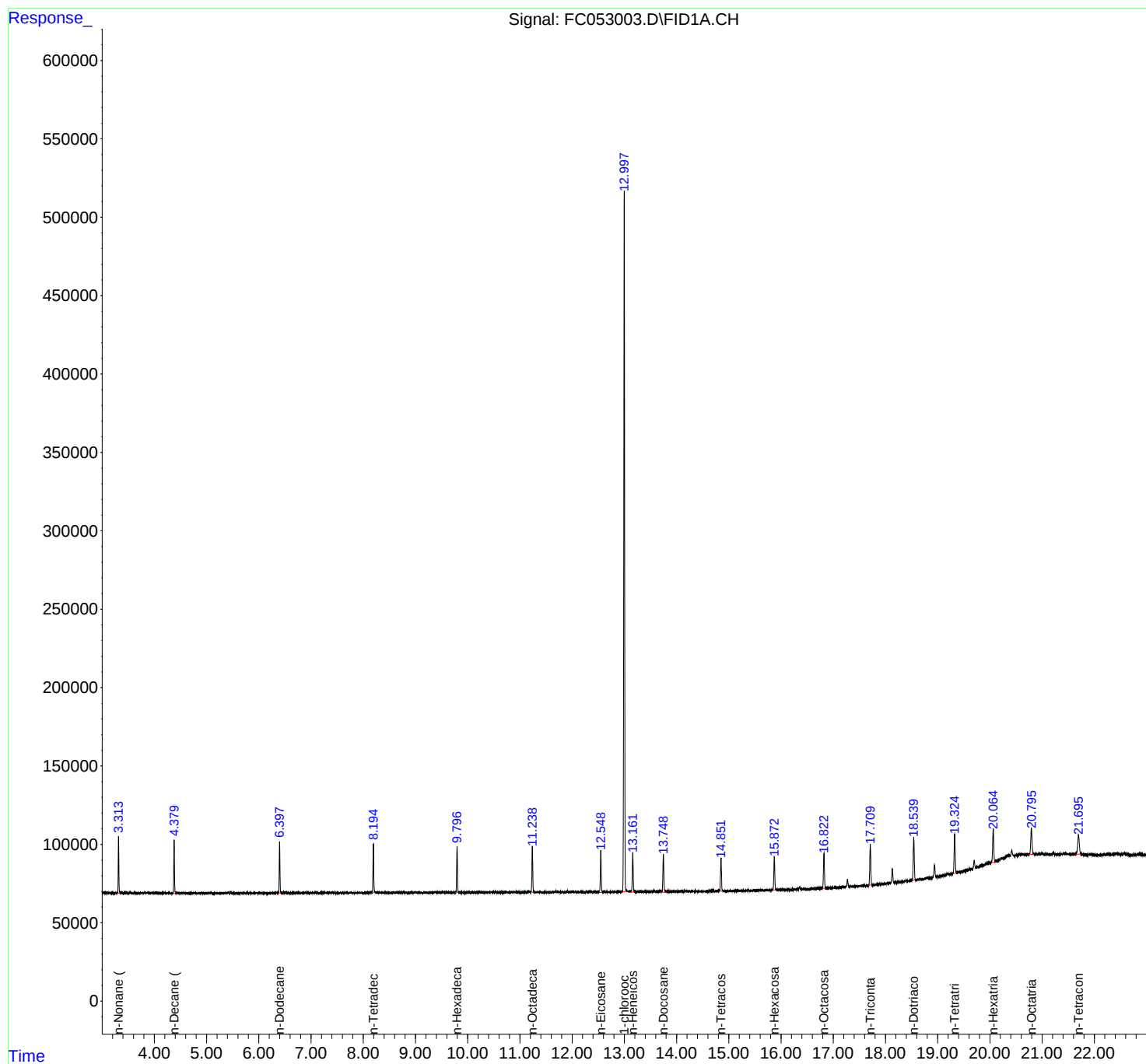
(f)=RT Delta > 1/2 Window

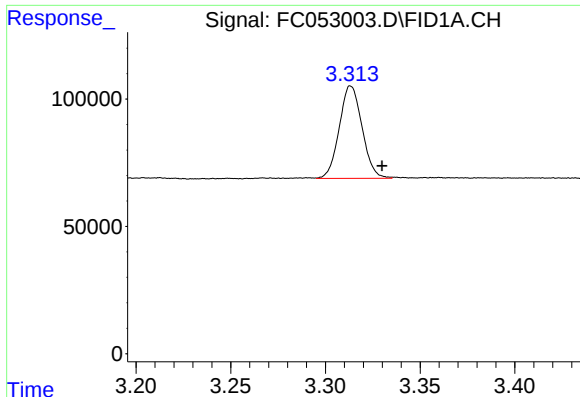
(m)=manual int.

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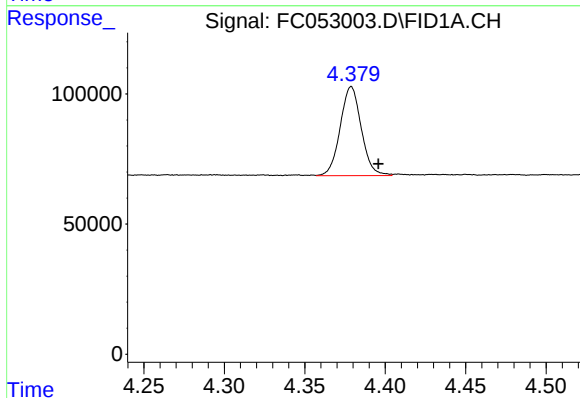
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Signal Info : 20M x 0.18mm x 0.18um





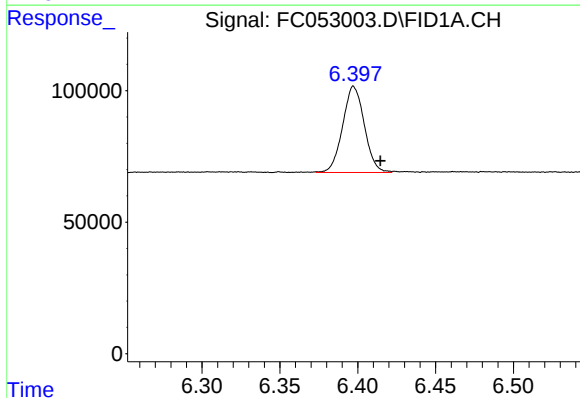
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.017 min
Response: 304018
Conc: 2.62 ug/ml m



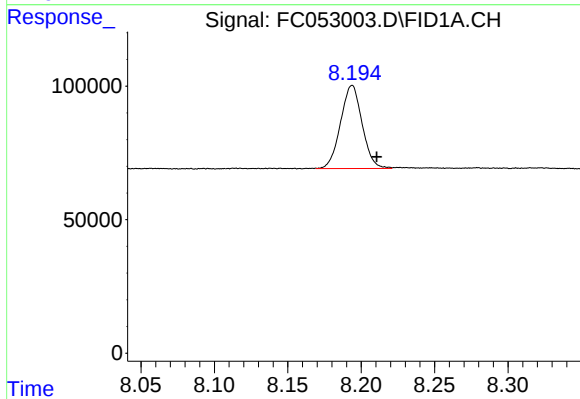
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.017 min
Response: 311616
Conc: 2.66 ug/ml m



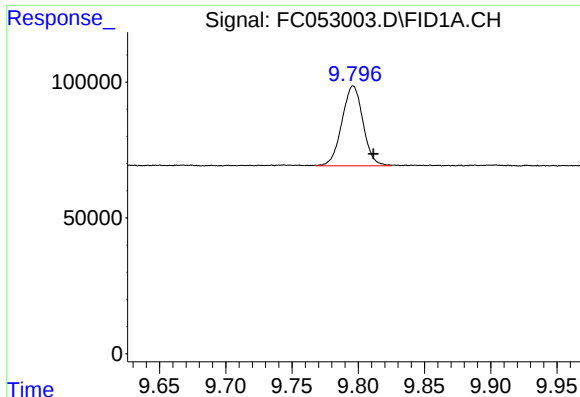
#4 n-Dodecane (C12)

R.T.: 6.397 min
Delta R.T.: -0.018 min
Response: 317825
Conc: 2.65 ug/ml m



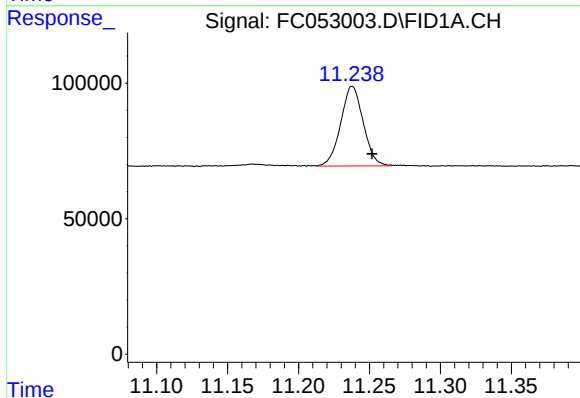
#6 n-Tetradecane (C14)

R.T.: 8.194 min
Delta R.T.: -0.017 min
Response: 318303
Conc: 2.63 ug/ml m



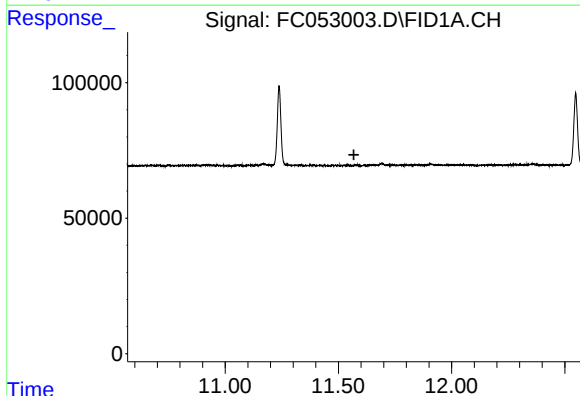
#7 n-Hexadecane (C16)

R.T.: 9.796 min
Delta R.T.: -0.016 min
Response: 325614
Conc: 2.71 ug/ml m



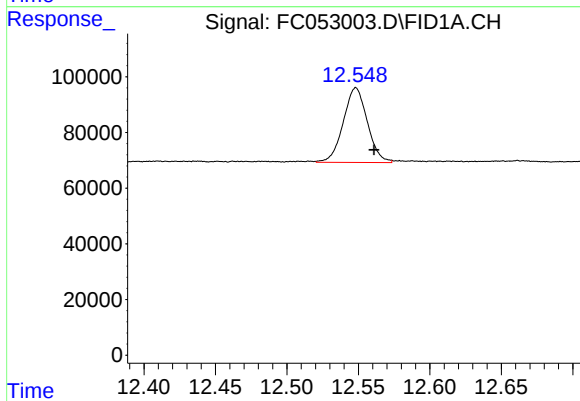
#8 n-Octadecane (C18)

R.T.: 11.238 min
Delta R.T.: -0.014 min
Response: 324933
Conc: 2.58 ug/ml m



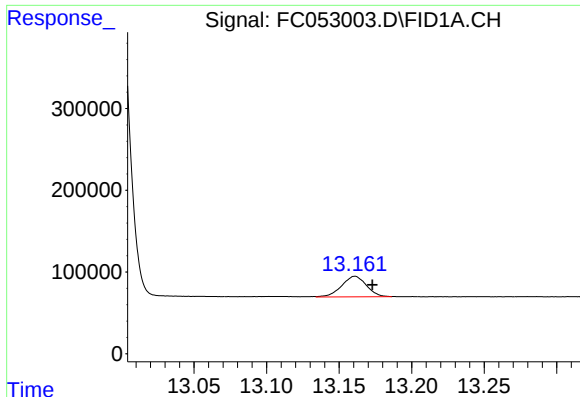
#9 ortho-Terphenyl (SURR)

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



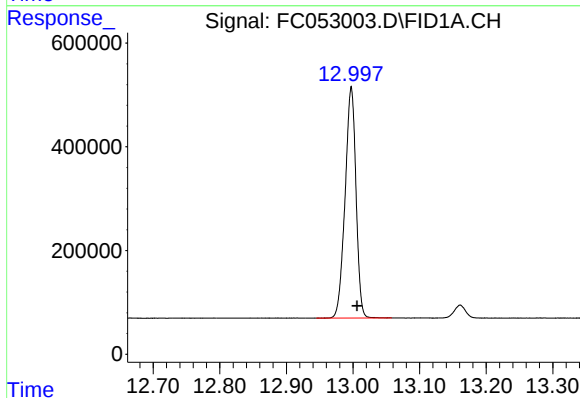
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: -0.013 min
Response: 314322
Conc: 2.46 ug/ml m



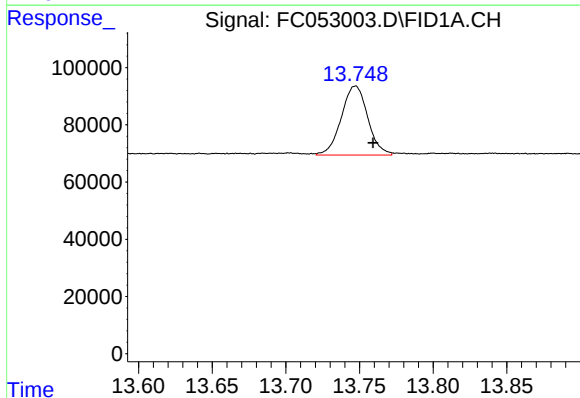
#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: -0.012 min
Response: 298196
Conc: 2.35 ug/ml m



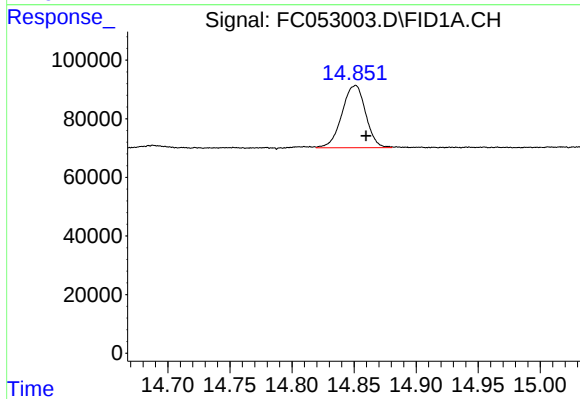
#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: -0.009 min
Response: 5064945
Conc: 46.96 ug/ml



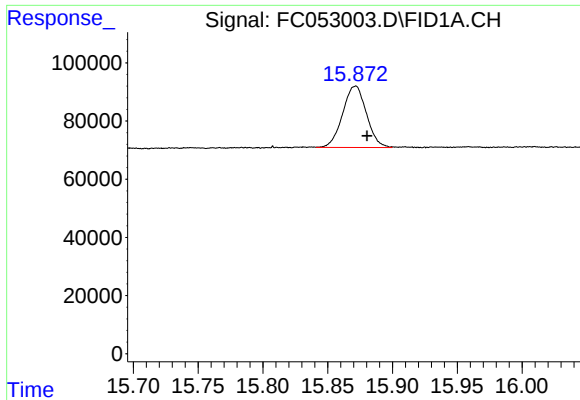
#13 n-Docosane (C22)

R.T.: 13.748 min
Delta R.T.: -0.012 min
Response: 301060
Conc: 2.38 ug/ml m



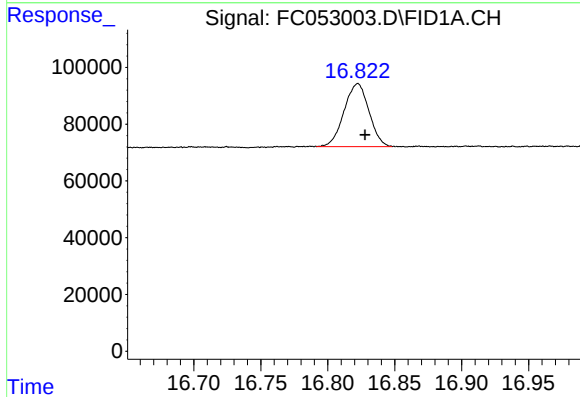
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: -0.009 min
Response: 281767
Conc: 2.26 ug/ml m



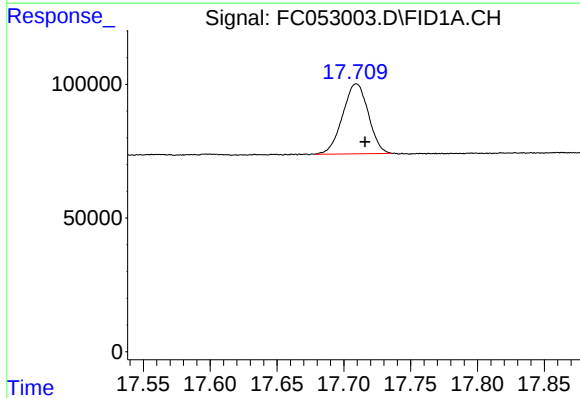
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: -0.009 min
Response: 269244
Conc: 2.24 ug/ml m



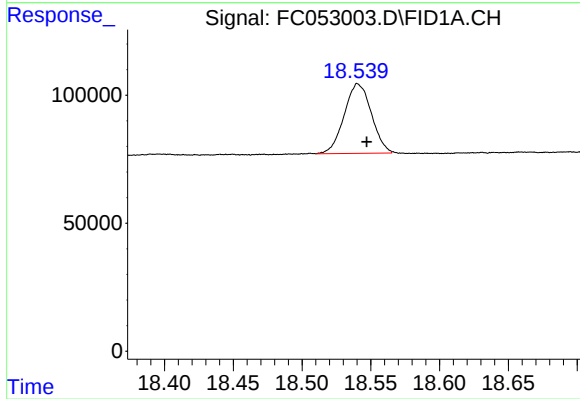
#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: -0.005 min
Response: 287473
Conc: 2.49 ug/ml m



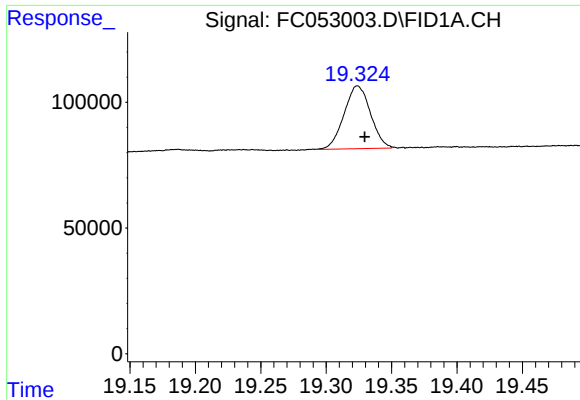
#17 n-Tricontane (C30)

R.T.: 17.709 min
Delta R.T.: -0.007 min
Response: 350336
Conc: 3.22 ug/ml m



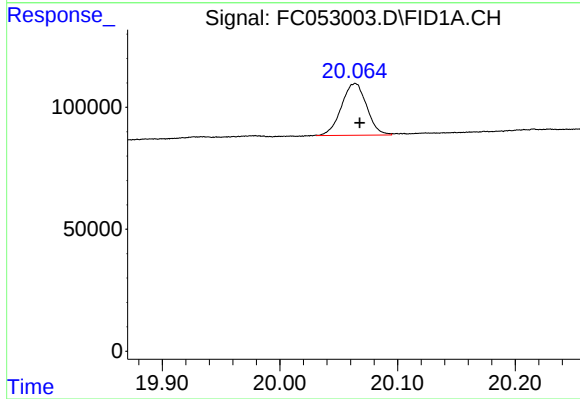
#18 n-Dotriacontane (C32)

R.T.: 18.539 min
Delta R.T.: -0.008 min
Response: 373373
Conc: 3.72 ug/ml m



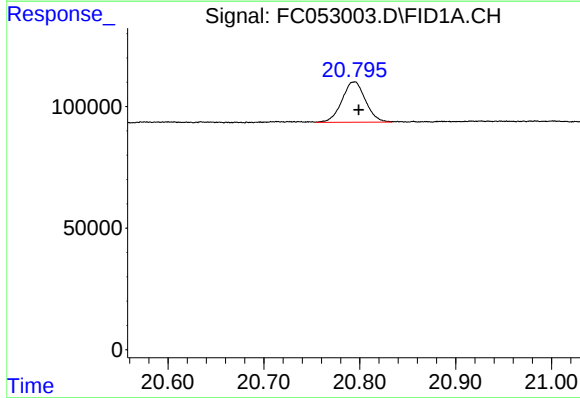
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: -0.005 min
Response: 351672
Conc: 3.83 ug/ml m



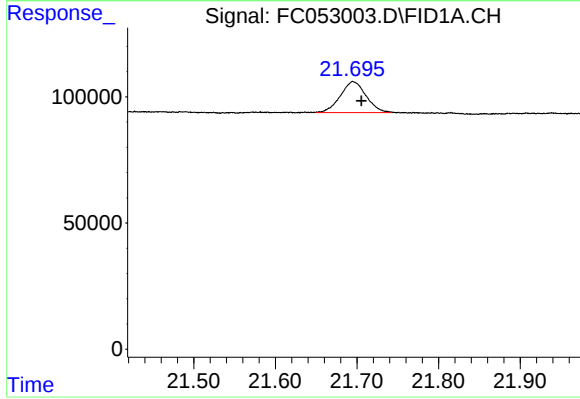
#20 n-Hexatriacontane (C36)

R.T.: 20.064 min
Delta R.T.: -0.004 min
Response: 317380
Conc: 3.48 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: -0.004 min
Response: 283878
Conc: 3.48 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.695 min
Delta R.T.: -0.011 min
Response: 268794
Conc: 3.12 ug/ml m