

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040621AL\
 Data File : FC052980.D
 Signal(s) : FID1A.CH
 Acq On : 06 Apr 2021 12:32
 Operator : DD\AJ
 Sample : M1458-01
 Misc : LOD SOIL 2.5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 07 03:42:32 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...	12.999	4499311	41.715 ug/ml
Spiked Amount 50.000		Recovery =	83.43%
Target Compounds			
1) T n-Nonane (C9)	3.314	279544	2.407 ug/mlm
2) T n-Decane (C10)	4.380	283184	2.417 ug/mlm
4) T n-Dodecane (C12)	6.398	284308	2.368 ug/mlm
6) T n-Tetradecane (C14)	8.196	287239	2.375 ug/mlm
7) T n-Hexadecane (C16)	9.798	289197	2.405 ug/mlm
8) T n-Octadecane (C18)	11.240	296670	2.351 ug/mlm
10) T n-Eicosane (C20)	12.550	272056	2.131 ug/mlm
11) T n-Heneicosane (C21)	13.162	270839	2.131 ug/mlm
13) T n-Docosane (C22)	13.749	256965	2.028 ug/mlm
14) T n-Tetracosane (C24)	14.853	243853	1.952 ug/mlm
15) T n-Hexacosane (C26)	15.872	236727	1.966 ug/mlm
16) T n-Octacosane (C28)	16.823	233871	2.028 ug/mlm
17) T n-Tricontane (C30)	17.710	239409	2.197 ug/mlm
18) T n-Dotriacontane (C32)	18.541	247921	2.471 ug/mlm
19) T n-Tetratriacontane (C34)	19.325	245284	2.668 ug/mlm
20) T n-Hexatriacontane (C36)	20.065	231996	2.544 ug/mlm
21) T n-Octatriacontane (C38)	20.797	224921	2.756 ug/mlm
22) T n-Tetracontane (C40)	21.698	237359	2.756 ug/mlm

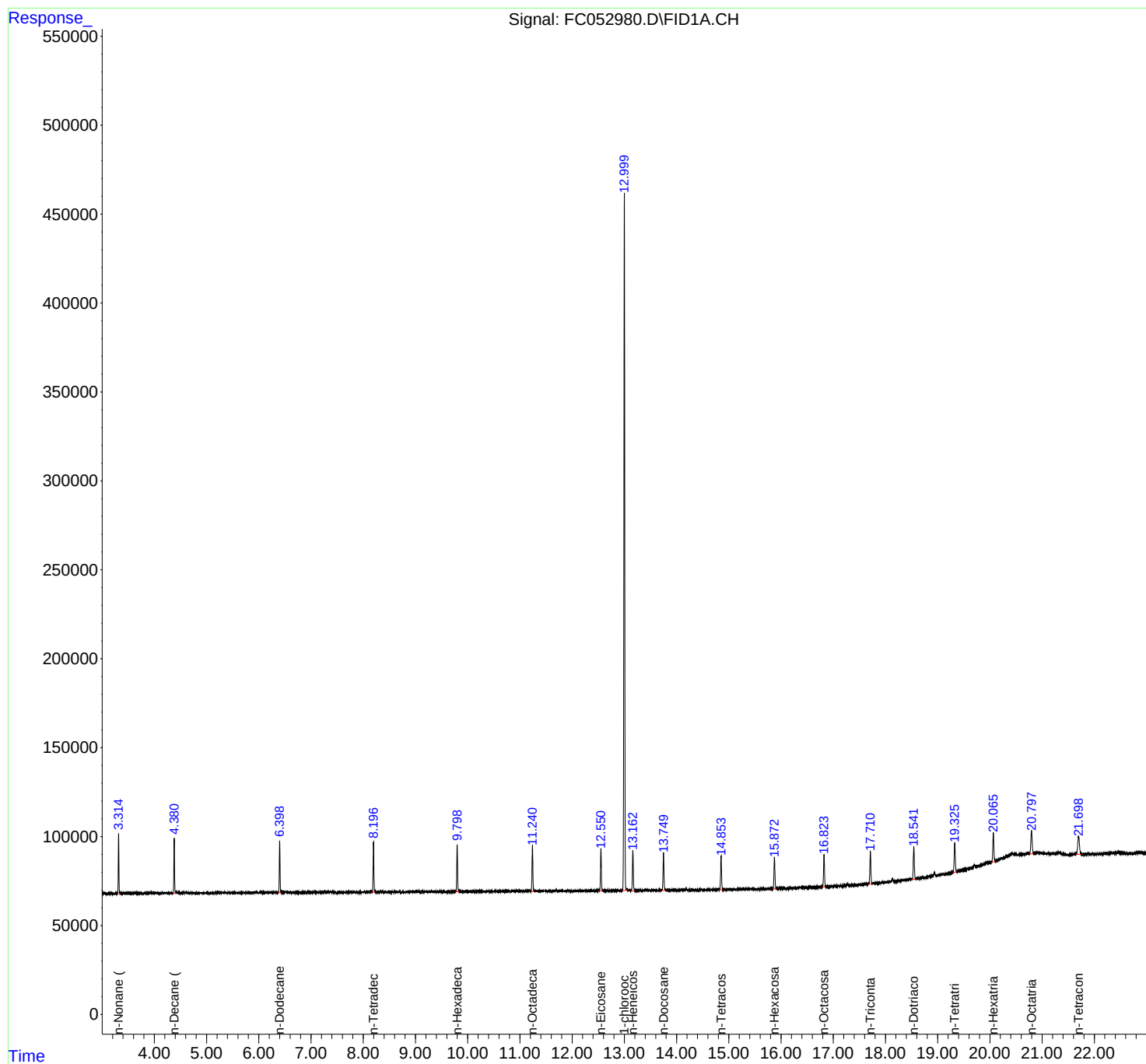
(f)=RT Delta > 1/2 Window

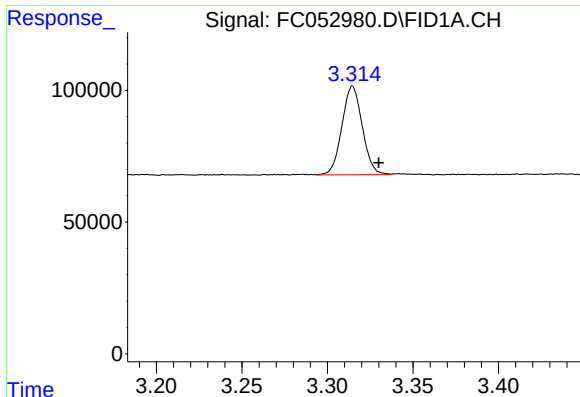
(m)=manual int.

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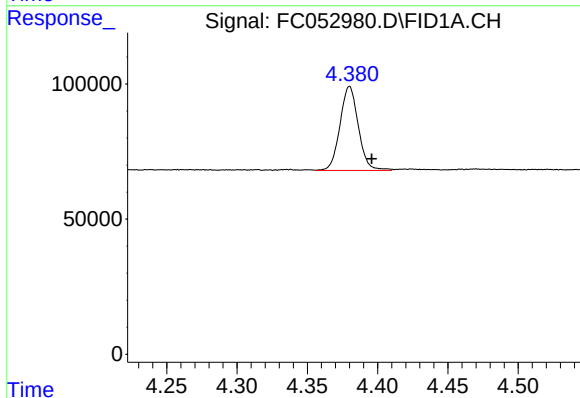
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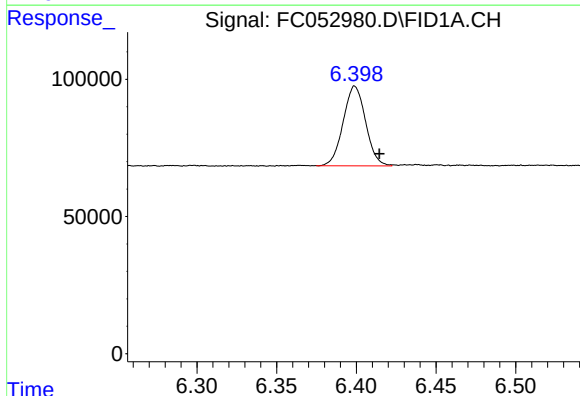
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.016 min
Response: 279544
Conc: 2.41 ug/ml m



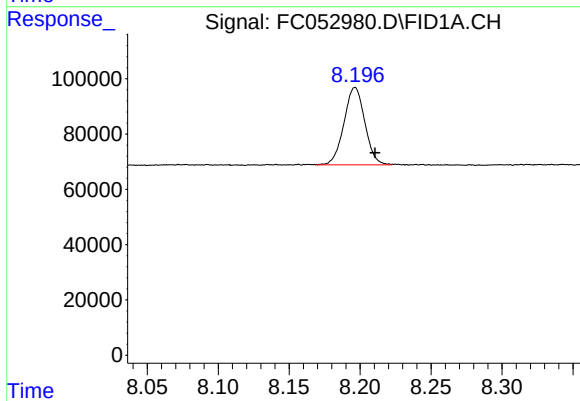
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.016 min
Response: 283184
Conc: 2.42 ug/ml m



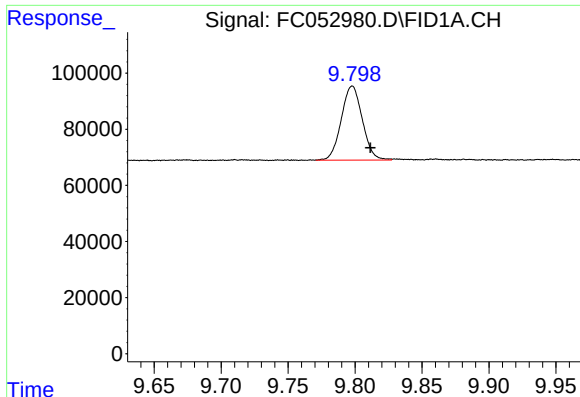
#4 n-Dodecane (C12)

R.T.: 6.398 min
Delta R.T.: -0.016 min
Response: 284308
Conc: 2.37 ug/ml m



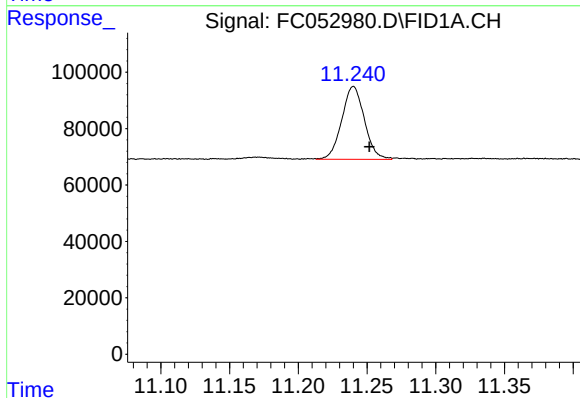
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.014 min
Response: 287239
Conc: 2.37 ug/ml m



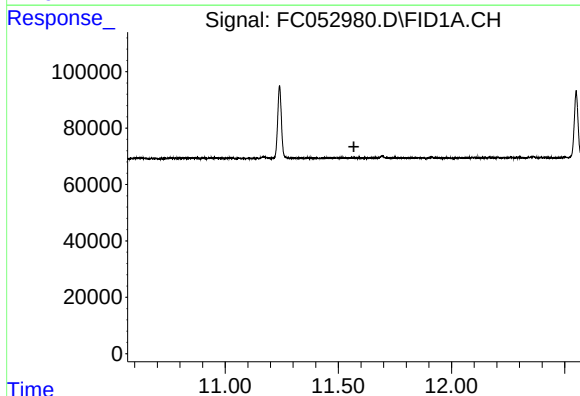
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: -0.014 min
Response: 289197
Conc: 2.40 ug/ml m



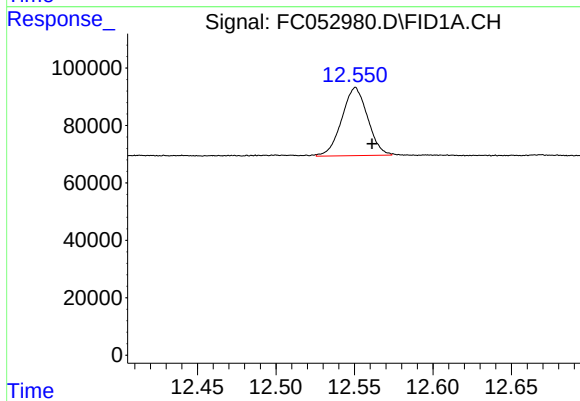
#8 n-Octadecane (C18)

R.T.: 11.240 min
Delta R.T.: -0.012 min
Response: 296670
Conc: 2.35 ug/ml m



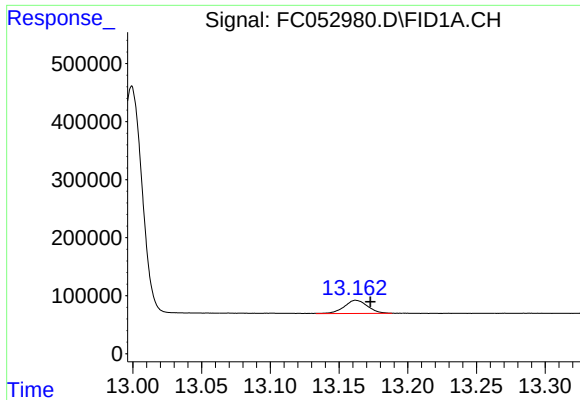
#9 ortho-Terphenyl (SURR)

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



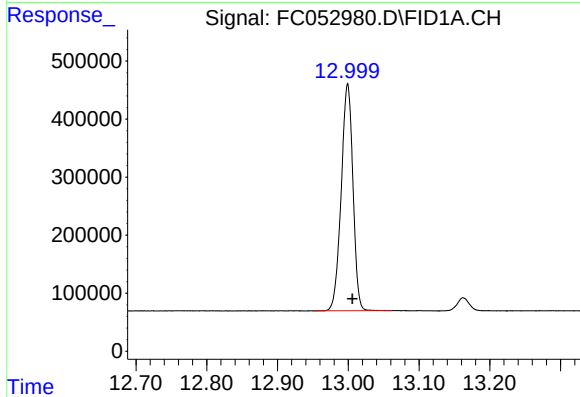
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: -0.011 min
Response: 272056
Conc: 2.13 ug/ml m



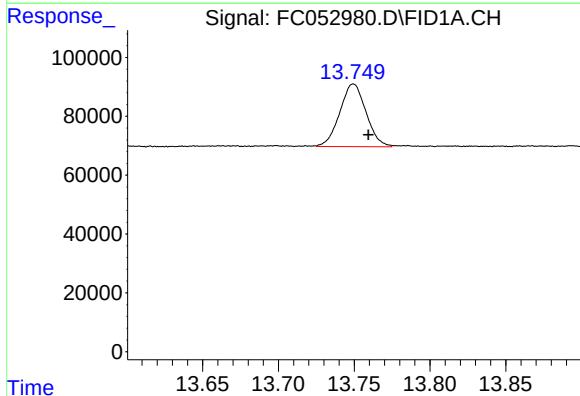
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.011 min
Response: 270839
Conc: 2.13 ug/ml m



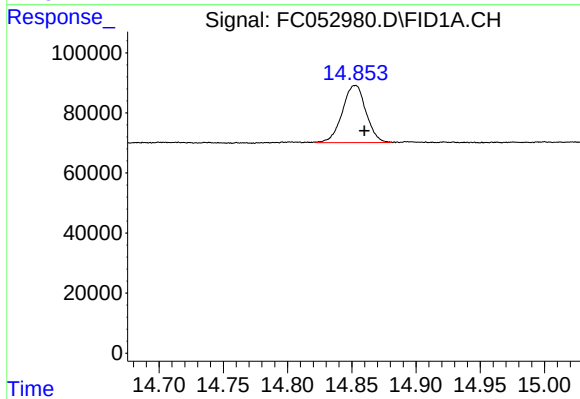
#12 1-chlorooctadecane (SURR)

R.T.: 12.999 min
Delta R.T.: -0.007 min
Response: 4499311
Conc: 41.71 ug/ml



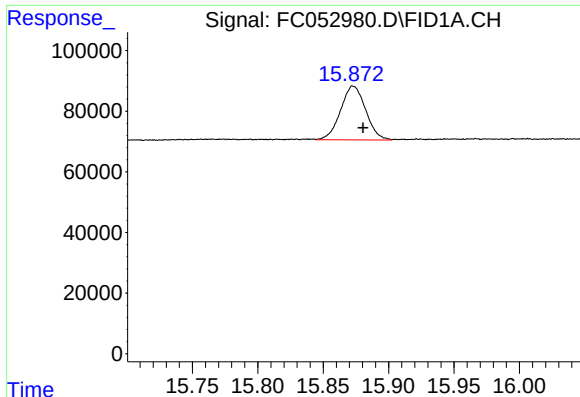
#13 n-Docosane (C22)

R.T.: 13.749 min
Delta R.T.: -0.010 min
Response: 256965
Conc: 2.03 ug/ml m



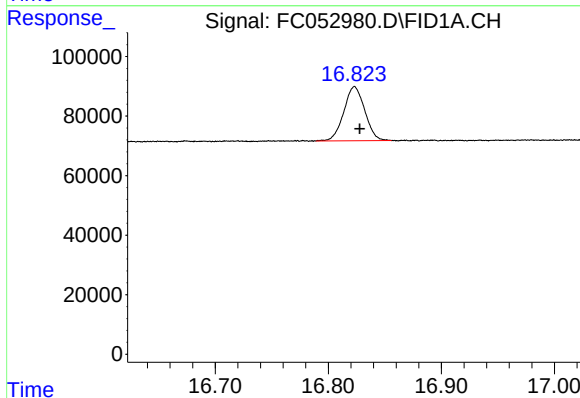
#14 n-Tetracosane (C24)

R.T.: 14.853 min
Delta R.T.: -0.007 min
Response: 243853
Conc: 1.95 ug/ml m



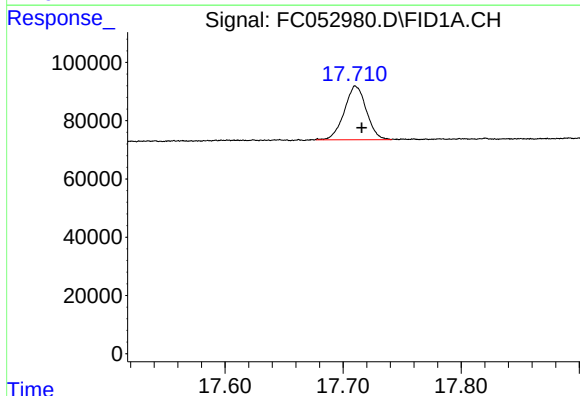
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: -0.009 min
Response: 236727
Conc: 1.97 ug/ml m



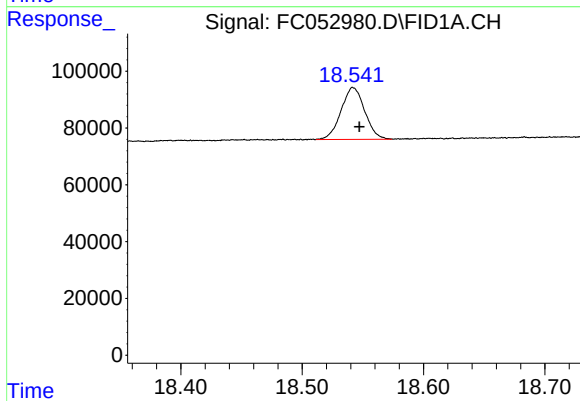
#16 n-Octacosane (C28)

R.T.: 16.823 min
Delta R.T.: -0.005 min
Response: 233871
Conc: 2.03 ug/ml m



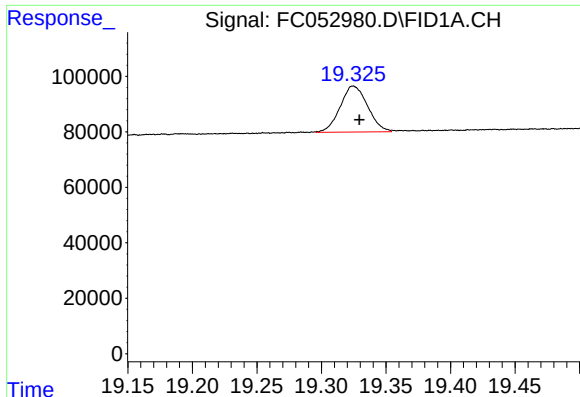
#17 n-Tricontane (C30)

R.T.: 17.710 min
Delta R.T.: -0.006 min
Response: 239409
Conc: 2.20 ug/ml m



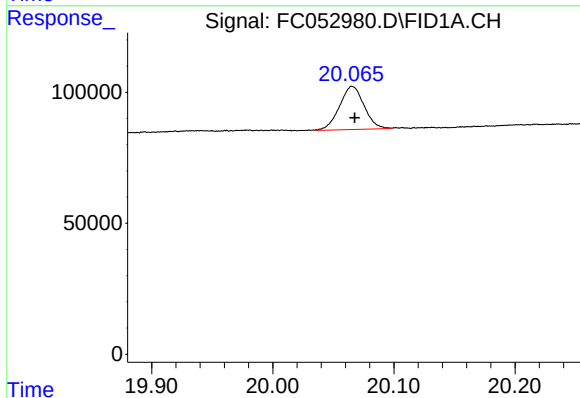
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.006 min
Response: 247921
Conc: 2.47 ug/ml m



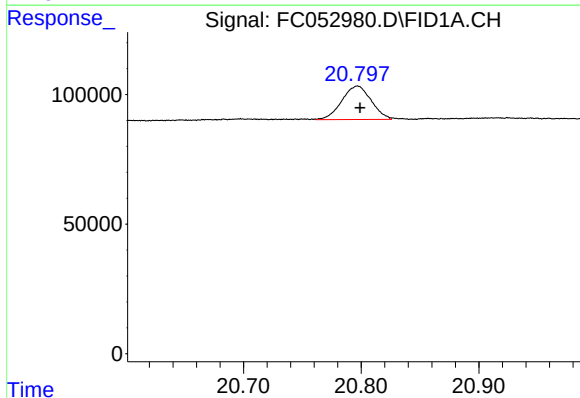
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.005 min
Response: 245284
Conc: 2.67 ug/ml m



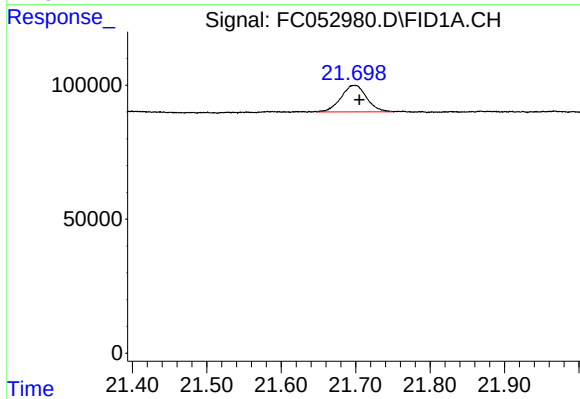
#20 n-Hexatriacontane (C36)

R.T.: 20.065 min
Delta R.T.: -0.003 min
Response: 231996
Conc: 2.54 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.002 min
Response: 224921
Conc: 2.76 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: -0.007 min
Response: 237359
Conc: 2.76 ug/ml m