

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042021AL\
 Data File : FC053289.D
 Signal(s) : FID1A.CH
 Acq On : 21 Apr 2021 1:58
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 10:55:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 10:50:03 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			
9) S ortho-Terphenyl (SURR)	11.548	654193	4.691 ug/ml
Spiked Amount 50.000		Recovery =	9.38%
12) S 1-chlorooctadecane (S...	12.989	495359	4.491 ug/ml
Spiked Amount 50.000		Recovery =	8.98%
Target Compounds			
1) T n-Nonane (C9)	3.304	521019	4.388 ug/ml
2) T n-Decane (C10)	4.369	527892	4.420 ug/ml
3) T A~Naphthalene (C11.7)	5.955	571999	4.319 ug/ml
4) T n-Dodecane (C12)	6.389	537074	4.401 ug/ml
5) T A~2-methylnaphthalene...	7.013	577106	4.281 ug/ml
6) T n-Tetradecane (C14)	8.187	560465	4.531 ug/ml
7) T n-Hexadecane (C16)	9.790	550557	4.486 ug/ml
8) T n-Octadecane (C18)	11.233	583465	4.516 ug/ml
10) T n-Eicosane (C20)	12.544	585199	4.470 ug/ml
11) T n-Heneicosane (C21)	13.157	586782	4.478 ug/ml
13) T n-Docosane (C22)	13.744	587338	4.454 ug/ml
14) T n-Tetracosane (C24)	14.848	590059	4.465 ug/ml
15) T n-Hexacosane (C26)	15.869	593688	4.530 ug/ml
16) T n-Octacosane (C28)	16.820	608836	4.621 ug/ml
17) T n-Tricontane (C30)	17.708	648613	4.883 ug/ml
18) T n-Dotriacontane (C32)	18.542	668798	5.094 ug/ml
19) T n-Tetratriacontane (C34)	19.325	635844	5.063 ug/mlm
20) T n-Hexatriacontane (C36)	20.066	599353	4.955 ug/mlm
21) T n-Octatriacontane (C38)	20.796	510599	4.920 ug/mlm
22) T n-Tetracontane (C40)	21.699	502693	4.762 ug/mlm

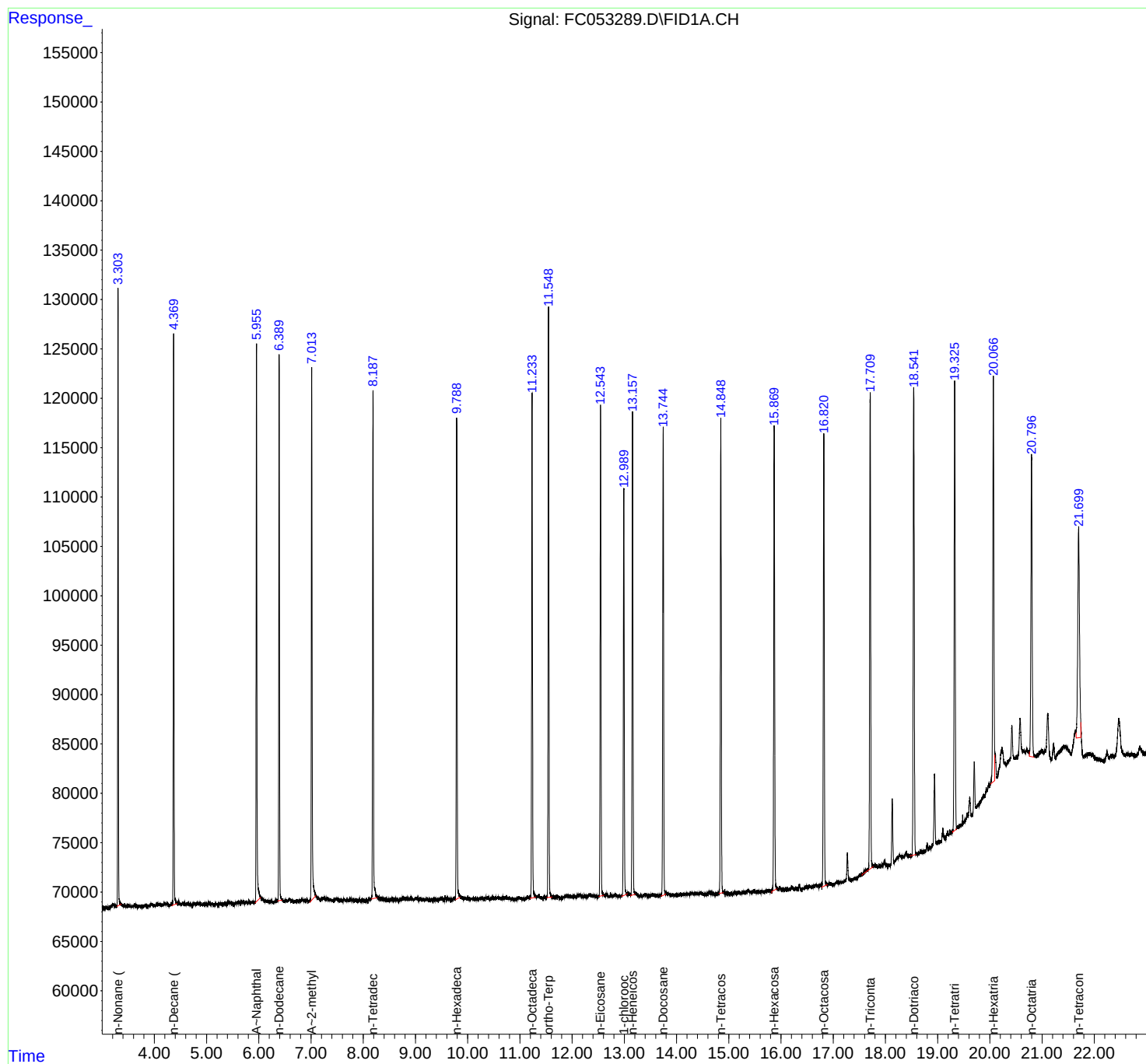
(f)=RT Delta > 1/2 Window

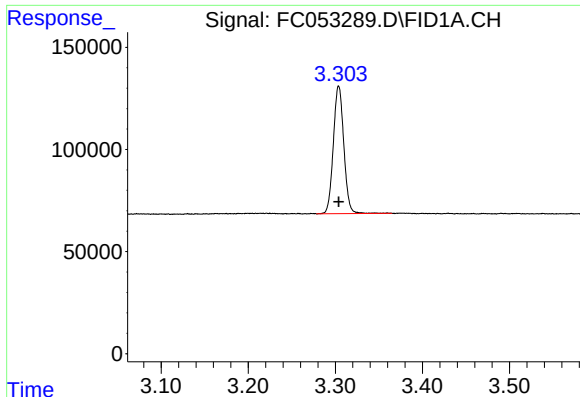
(m)=manual int.

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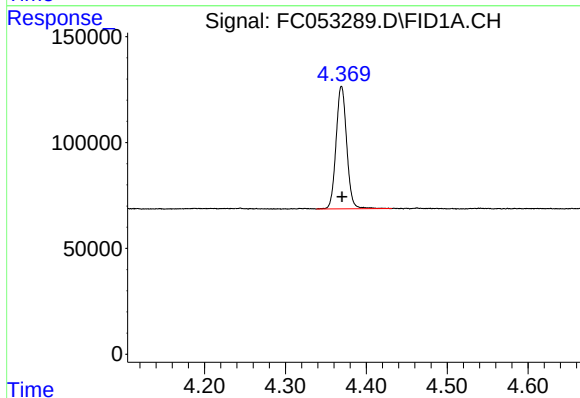
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





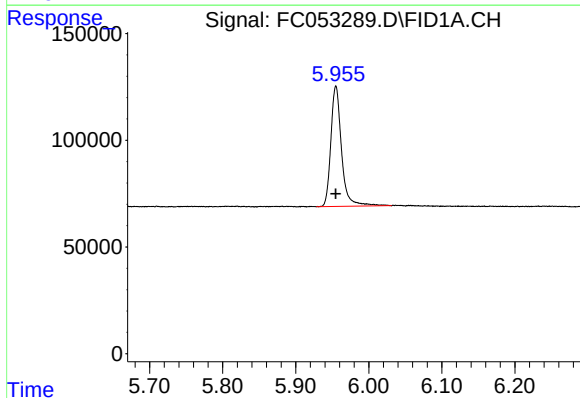
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 521019
Conc: 4.39 ug/ml



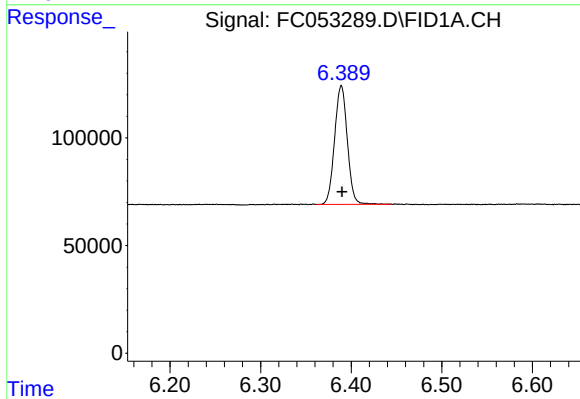
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 527892
Conc: 4.42 ug/ml



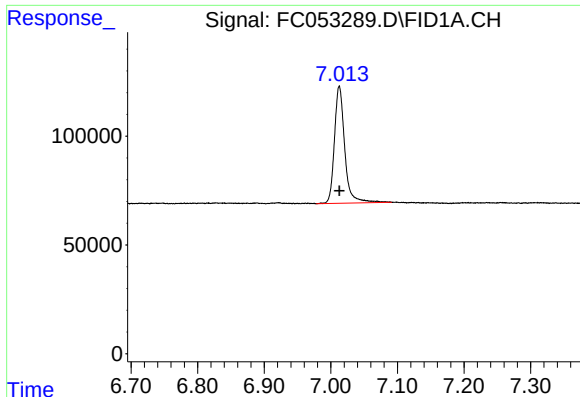
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 571999
Conc: 4.32 ug/ml



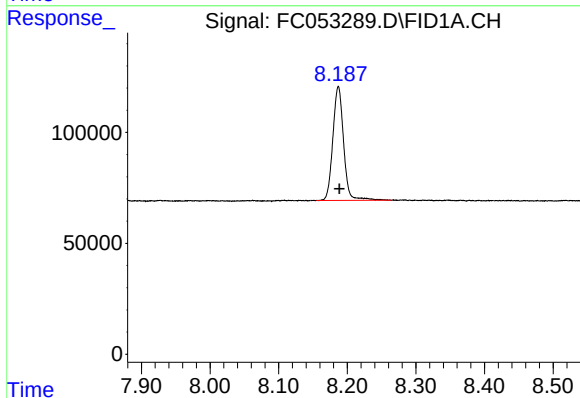
#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: -0.001 min
Response: 537074
Conc: 4.40 ug/ml



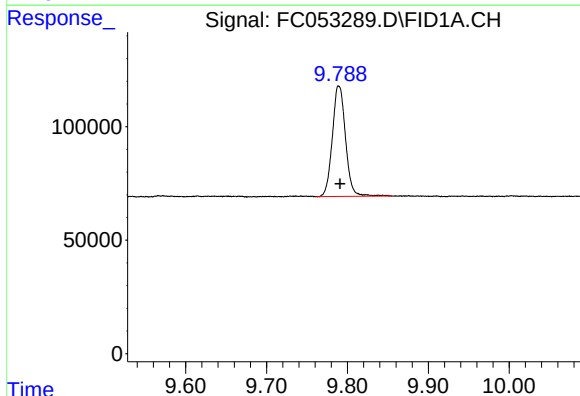
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 577106
Conc: 4.28 ug/ml



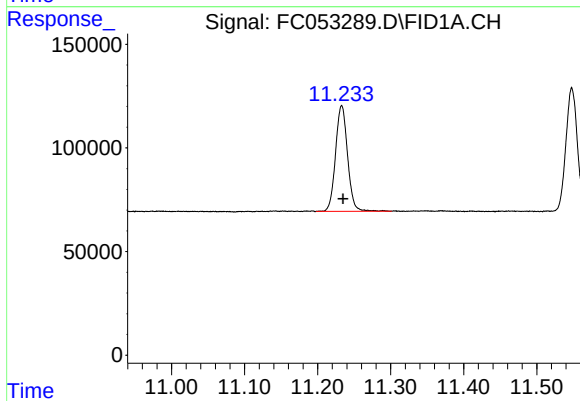
#6 n-Tetradecane (C14)

R.T.: 8.187 min
Delta R.T.: -0.001 min
Response: 560465
Conc: 4.53 ug/ml



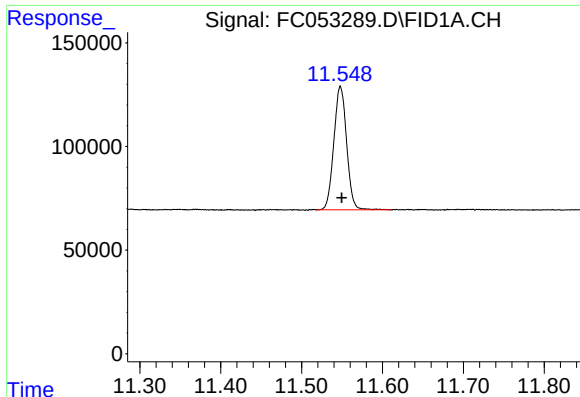
#7 n-Hexadecane (C16)

R.T.: 9.790 min
Delta R.T.: -0.001 min
Response: 550557
Conc: 4.49 ug/ml



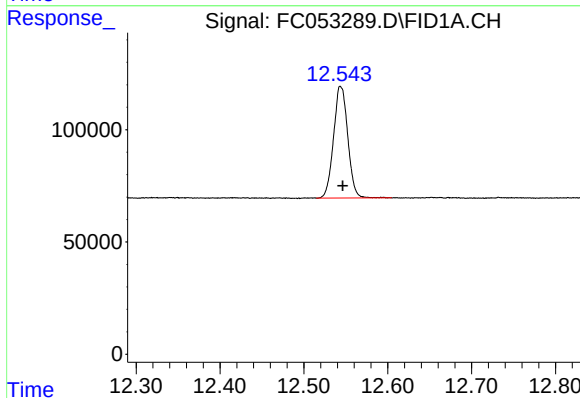
#8 n-Octadecane (C18)

R.T.: 11.233 min
Delta R.T.: -0.002 min
Response: 583465
Conc: 4.52 ug/ml



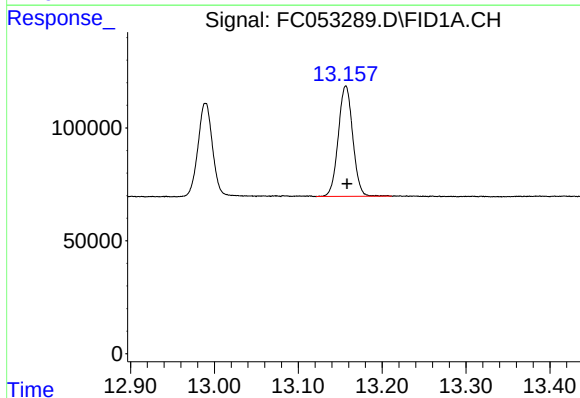
#9 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: -0.002 min
Response: 654193
Conc: 4.69 ug/ml



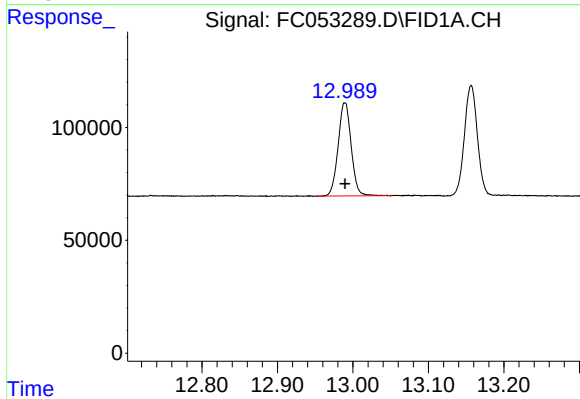
#10 n-Eicosane (C20)

R.T.: 12.544 min
Delta R.T.: -0.002 min
Response: 585199
Conc: 4.47 ug/ml



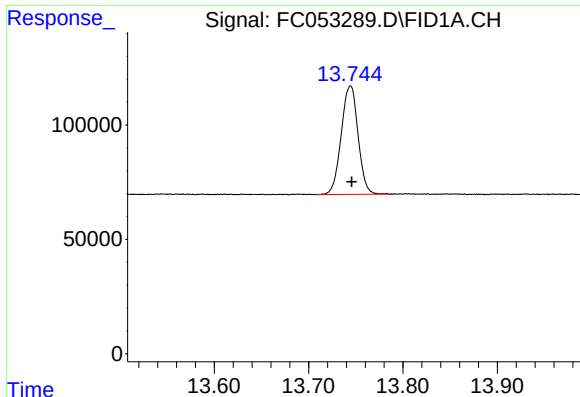
#11 n-Heneicosane (C21)

R.T.: 13.157 min
Delta R.T.: -0.002 min
Response: 586782
Conc: 4.48 ug/ml



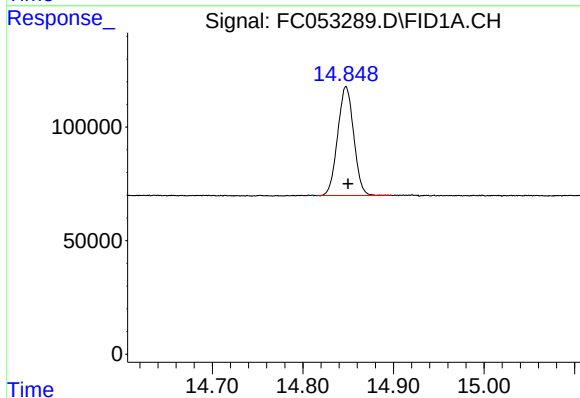
#12 1-chlorooctadecane (SURR)

R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 495359
Conc: 4.49 ug/ml



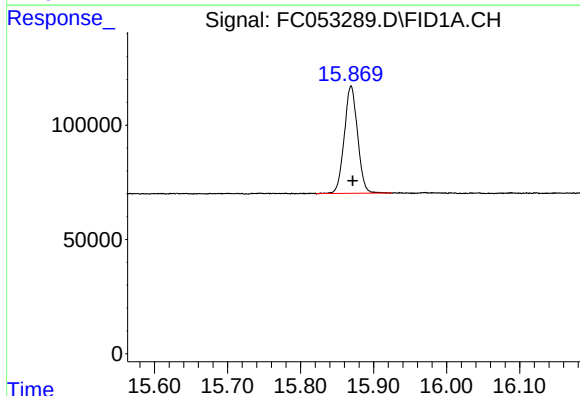
#13 n-Docosane (C22)

R.T.: 13.744 min
Delta R.T.: -0.002 min
Response: 587338
Conc: 4.45 ug/ml



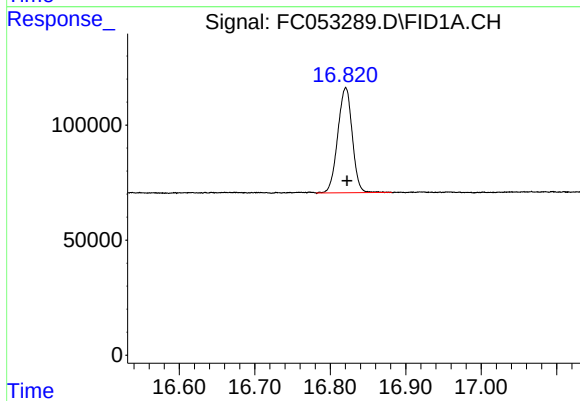
#14 n-Tetracosane (C24)

R.T.: 14.848 min
Delta R.T.: -0.002 min
Response: 590059
Conc: 4.47 ug/ml



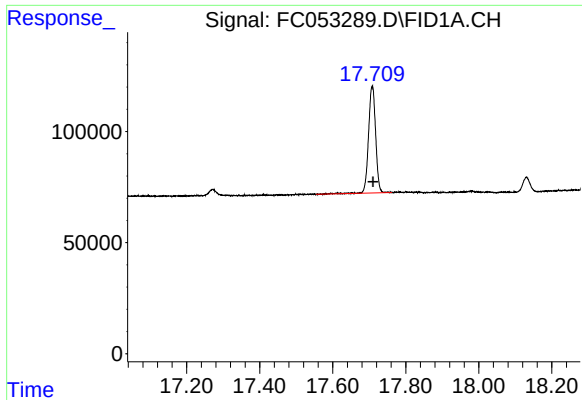
#15 n-Hexacosane (C26)

R.T.: 15.869 min
Delta R.T.: -0.002 min
Response: 593688
Conc: 4.53 ug/ml



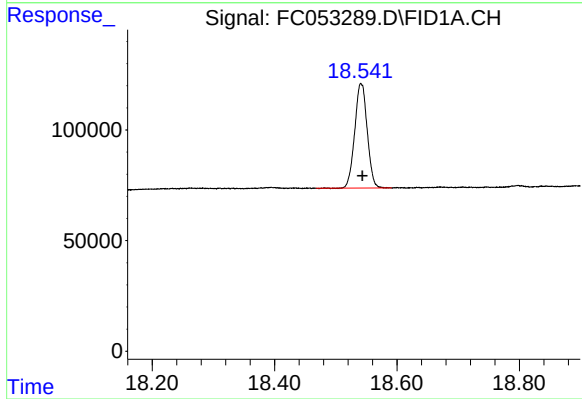
#16 n-Octacosane (C28)

R.T.: 16.820 min
Delta R.T.: -0.002 min
Response: 608836
Conc: 4.62 ug/ml



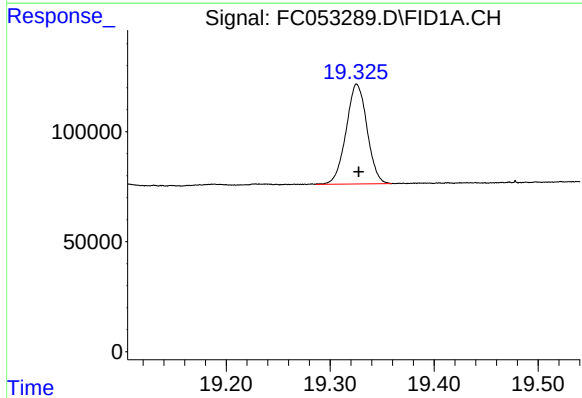
#17 n-Tricontane (C30)

R.T.: 17.708 min
Delta R.T.: -0.003 min
Response: 648613
Conc: 4.88 ug/ml



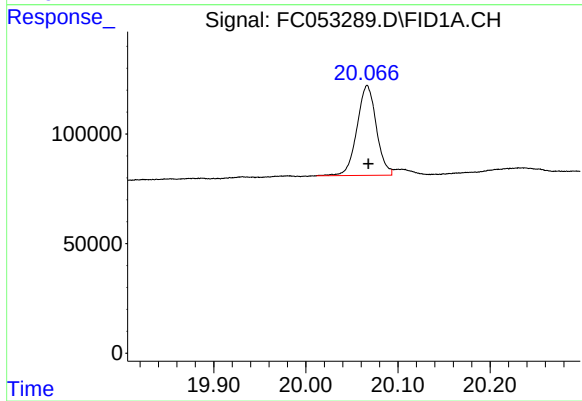
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.002 min
Response: 668798
Conc: 5.09 ug/ml



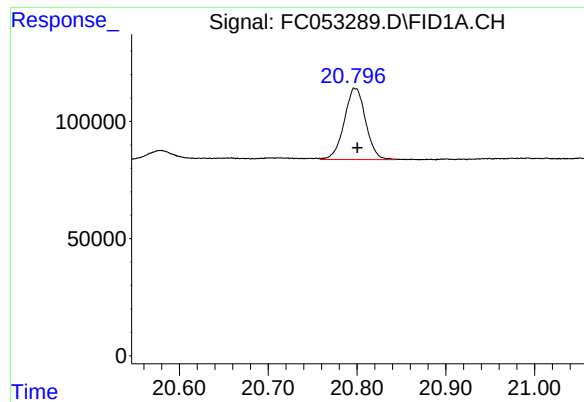
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.003 min
Response: 635844
Conc: 5.06 ug/ml m



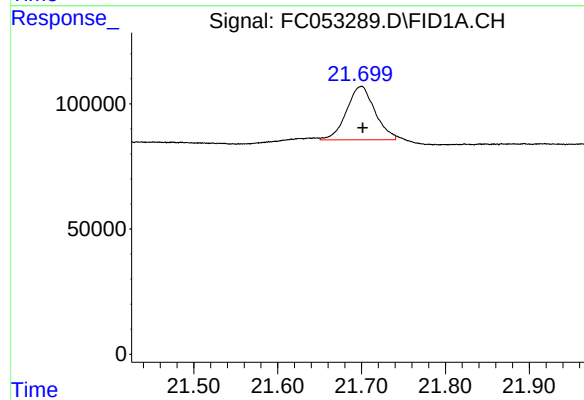
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: -0.002 min
Response: 599353
Conc: 4.96 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: -0.004 min
Response: 510599
Conc: 4.92 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.699 min
Delta R.T.: -0.002 min
Response: 502693
Conc: 4.76 ug/ml m