

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122220AL\
 Data File : FC051398.D
 Signal(s) : FID1A.CH
 Acq On : 22 Dec 2020 9:35
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 11:51:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 2020
 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)	11.567	2339399	20.185 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
12) S 1-chlorooctadecane (S...	13.001	1822169	20.199 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
Target Compounds			
1) T n-Nonane (C9)	3.328	2010477	20.378 ug/ml
2) T n-Decane (C10)	4.395	2014349	20.371 ug/ml
3) T A~Naphthalene (C11.7)	5.986	2139317	20.456 ug/ml
4) T n-Dodecane (C12)	6.412	2090611	20.450 ug/ml
5) T A~2-methylnaphthalene...	7.044	2150858	20.476 ug/ml
6) T n-Tetradecane (C14)	8.208	2073452	20.440 ug/ml
7) T n-Hexadecane (C16)	9.807	2046049	20.315 ug/ml
8) T n-Octadecane (C18)	11.249	2164477	20.294 ug/ml
10) T n-Eicosane (C20)	12.557	2177145	20.217 ug/ml
11) T n-Heneicosane (C21)	13.168	2161779	20.154 ug/ml
13) T n-Docosane (C22)	13.754	2143193	20.069 ug/ml
14) T n-Tetracosane (C24)	14.855	2110389	19.939 ug/ml
15) T n-Hexacosane (C26)	15.874	2061917	19.907 ug/ml
16) T n-Octacosane (C28)	16.822	2018484	19.825 ug/ml
17) T n-Tricontane (C30)	17.708	1942781	19.727 ug/ml
18) T n-Dotriacontane (C32)	18.538	1787016	19.725 ug/ml
19) T n-Tetratriacontane (C34)	19.321	1688328	19.864 ug/ml
20) T n-Hexatriacontane (C36)	20.058	1606893	18.951 ug/ml
21) T n-Octatriacontane (C38)	20.792	1522583	19.887 ug/ml
22) T n-Tetracontane (C40)	21.701	1608993	20.347 ug/ml

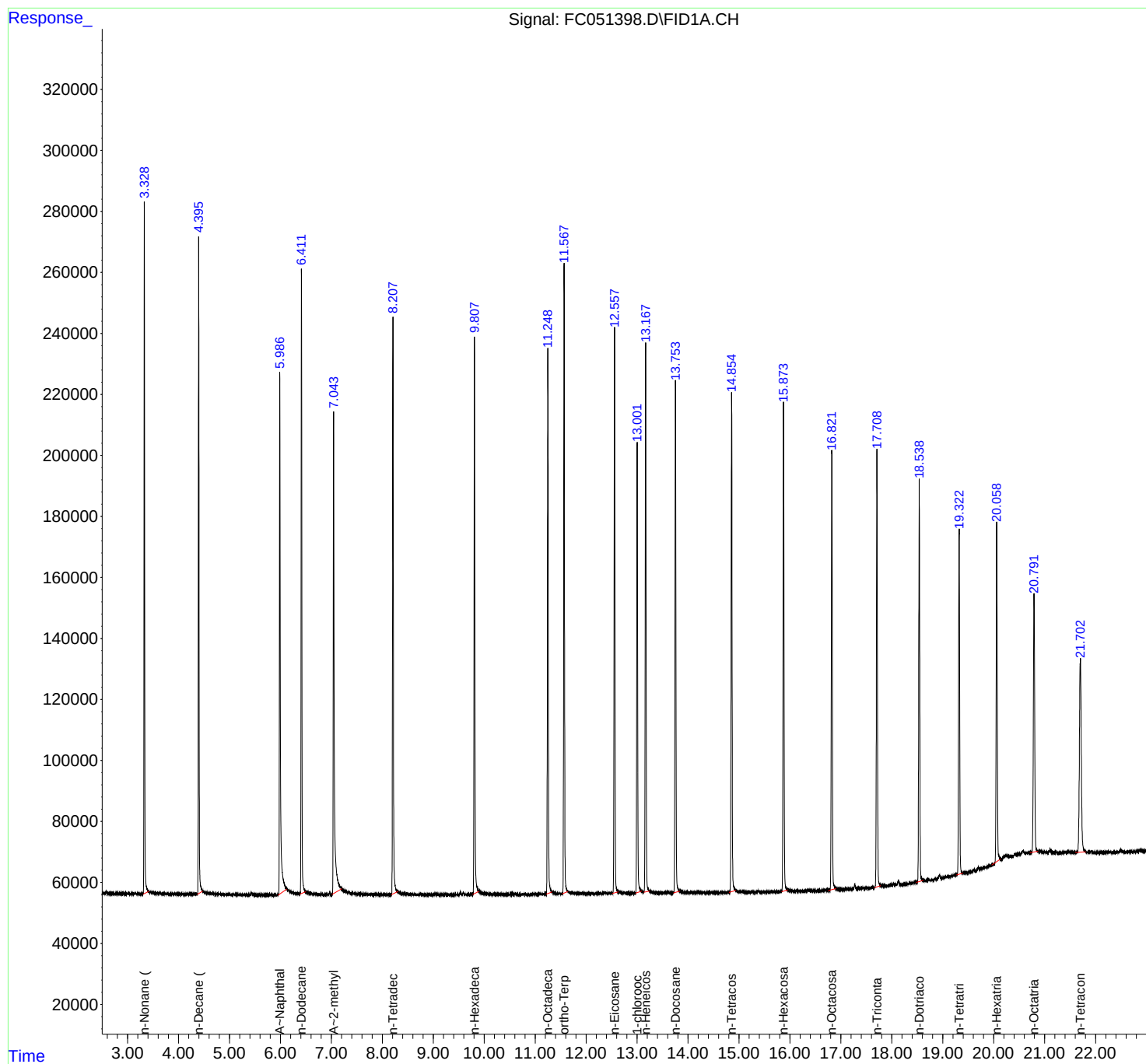
(f)=RT Delta > 1/2 Window

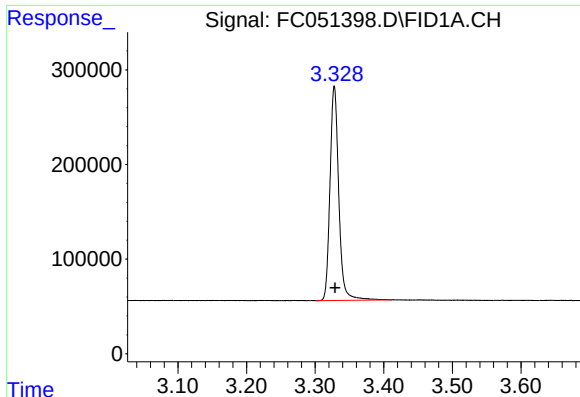
(m)=manual int.

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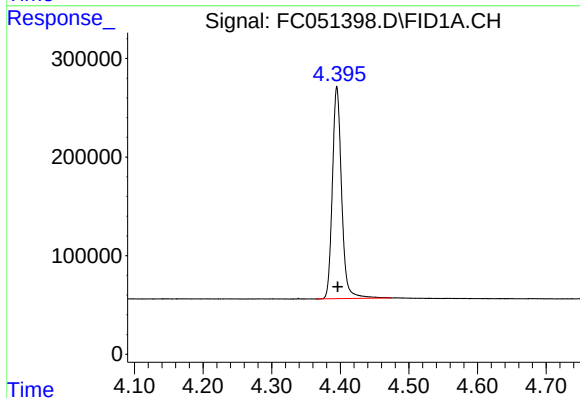
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





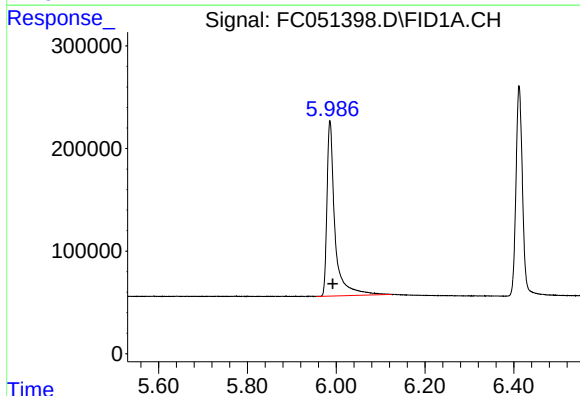
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 2010477
Conc: 20.38 ug/ml



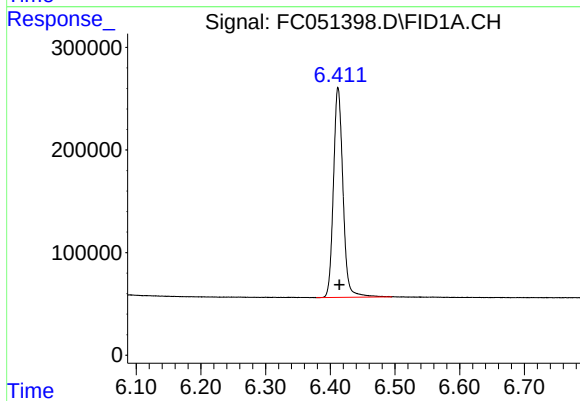
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: -0.001 min
Response: 2014349
Conc: 20.37 ug/ml



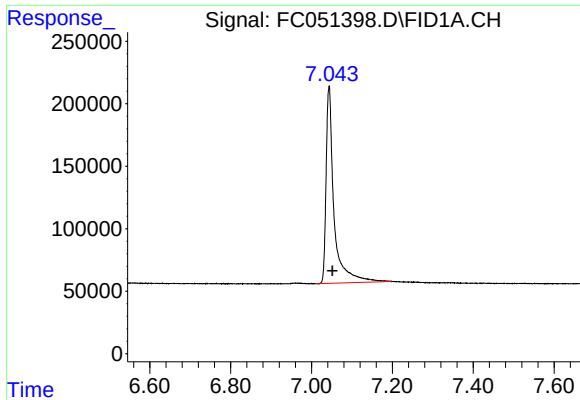
#3 A~Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.006 min
Response: 2139317
Conc: 20.46 ug/ml



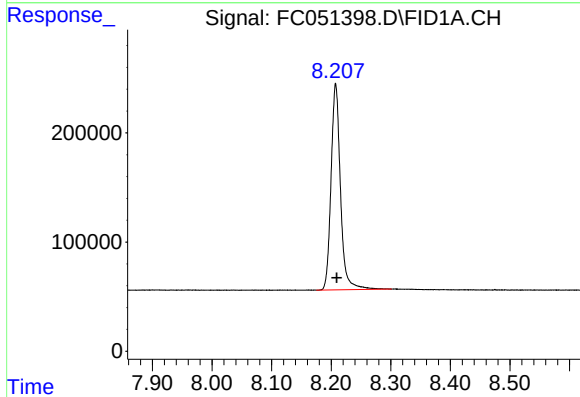
#4 n-Dodecane (C12)

R.T.: 6.412 min
Delta R.T.: -0.002 min
Response: 2090611
Conc: 20.45 ug/ml



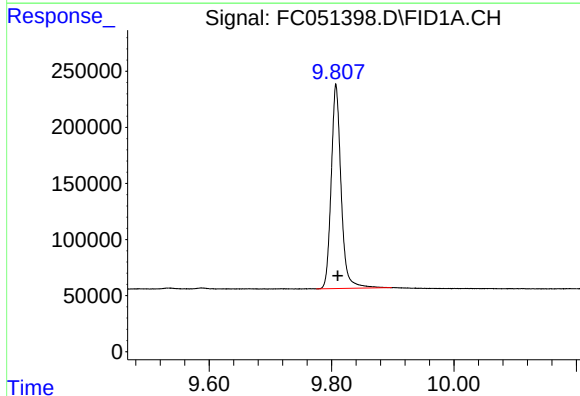
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.044 min
Delta R.T.: -0.008 min
Response: 2150858
Conc: 20.48 ug/ml



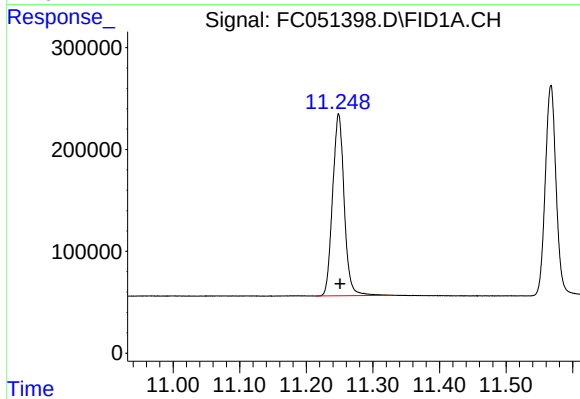
#6 n-Tetradecane (C14)

R.T.: 8.208 min
Delta R.T.: -0.001 min
Response: 2073452
Conc: 20.44 ug/ml



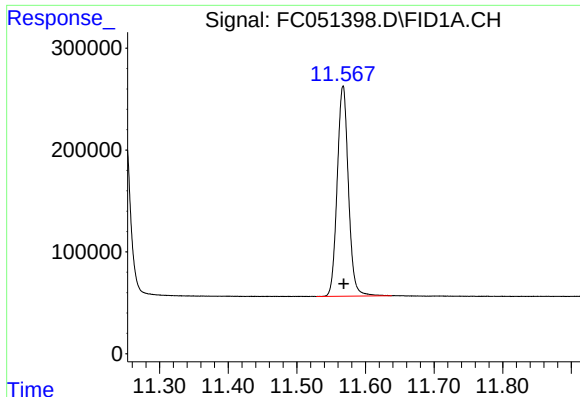
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.003 min
Response: 2046049
Conc: 20.32 ug/ml



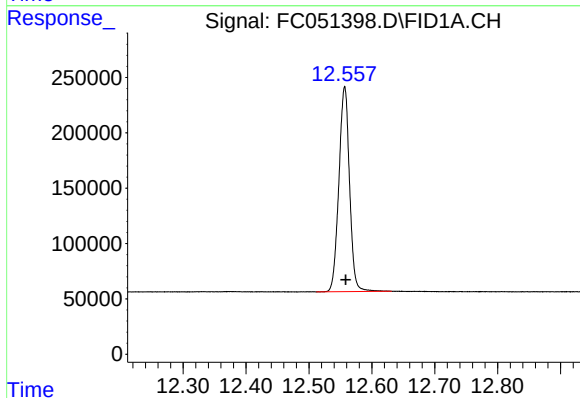
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.002 min
Response: 2164477
Conc: 20.29 ug/ml



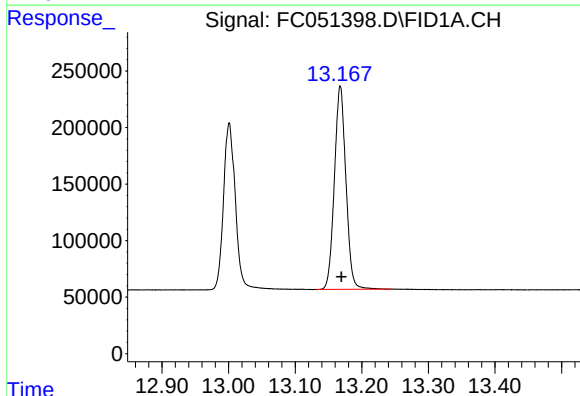
#9 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.001 min
Response: 2339399
Conc: 20.18 ug/ml



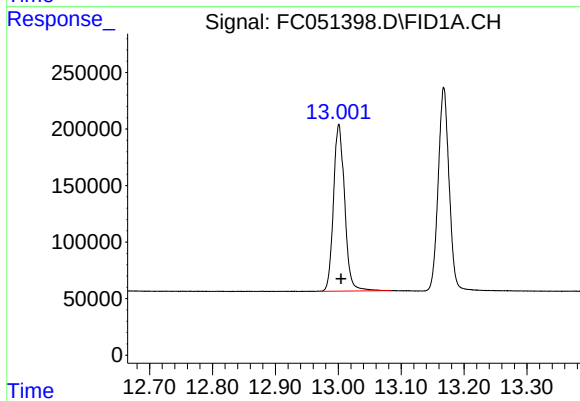
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: -0.002 min
Response: 2177145
Conc: 20.22 ug/ml



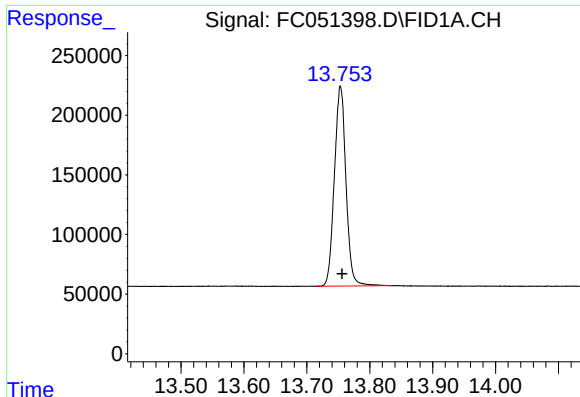
#11 n-Heneicosane (C21)

R.T.: 13.168 min
Delta R.T.: -0.002 min
Response: 2161779
Conc: 20.15 ug/ml



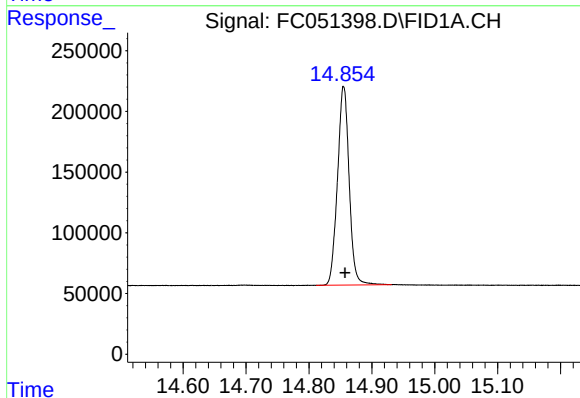
#12 1-chlorooctadecane (SURR)

R.T.: 13.001 min
Delta R.T.: -0.004 min
Response: 1822169
Conc: 20.20 ug/ml



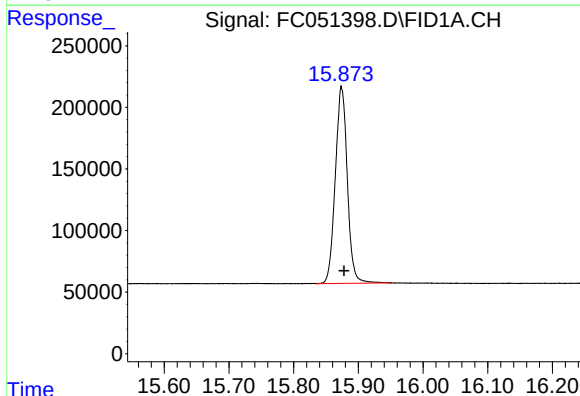
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: -0.002 min
Response: 2143193
Conc: 20.07 ug/ml



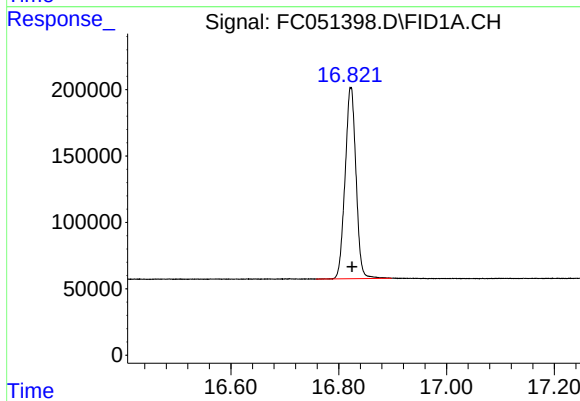
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.003 min
Response: 2110389
Conc: 19.94 ug/ml



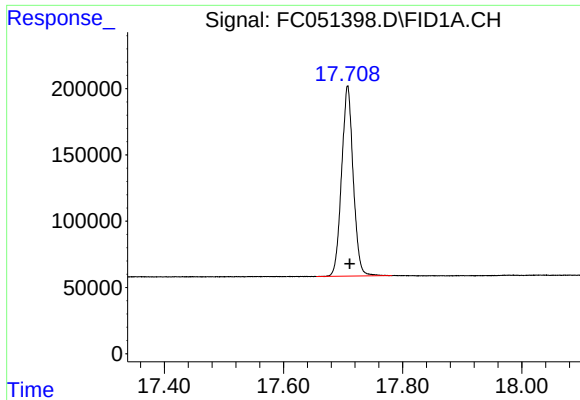
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: -0.004 min
Response: 2061917
Conc: 19.91 ug/ml



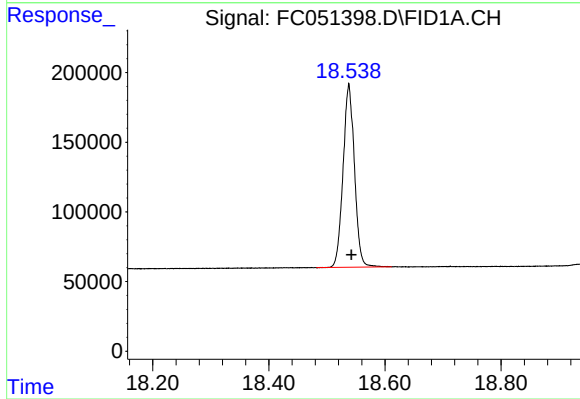
#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: -0.002 min
Response: 2018484
Conc: 19.83 ug/ml



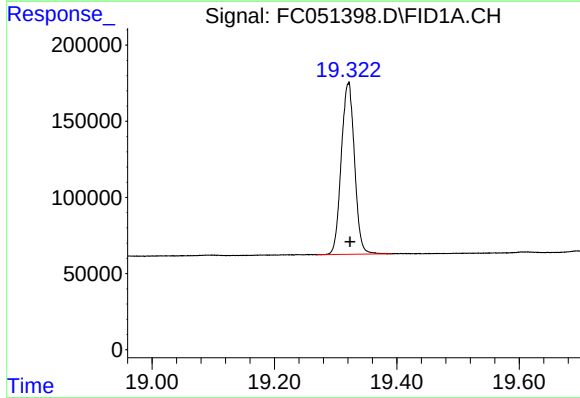
#17 n-Tricontane (C30)

R.T.: 17.708 min
Delta R.T.: -0.003 min
Response: 1942781
Conc: 19.73 ug/ml



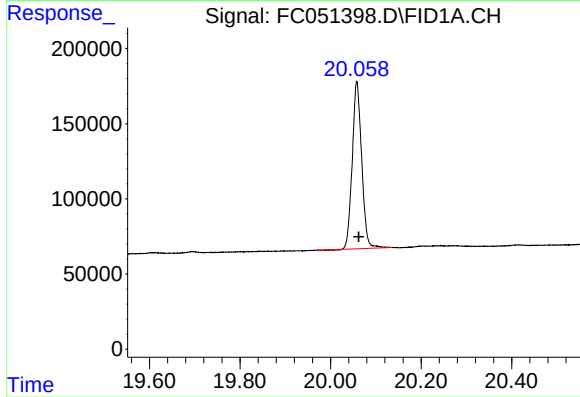
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: -0.004 min
Response: 1787016
Conc: 19.72 ug/ml



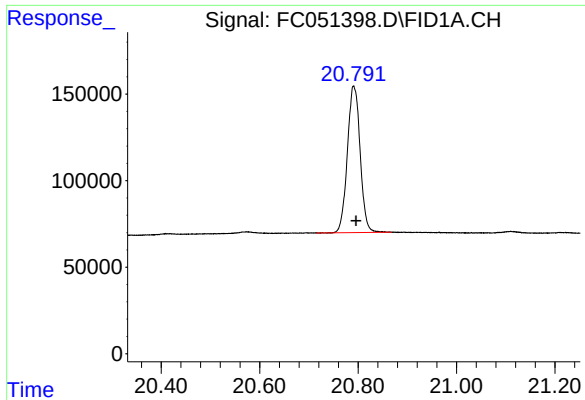
#19 n-Tetratriacontane (C34)

R.T.: 19.321 min
Delta R.T.: -0.003 min
Response: 1688328
Conc: 19.86 ug/ml



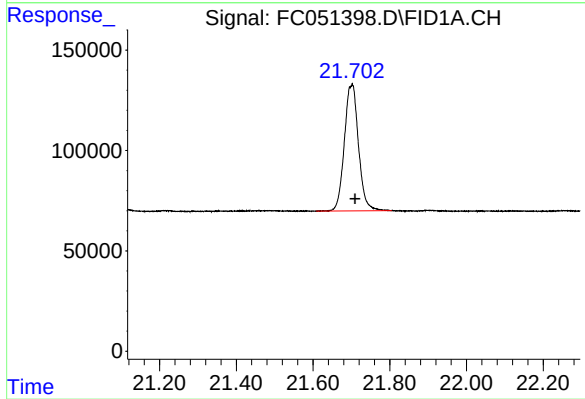
#20 n-Hexatriacontane (C36)

R.T.: 20.058 min
Delta R.T.: -0.004 min
Response: 1606893
Conc: 18.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.792 min
Delta R.T.: -0.005 min
Response: 1522583
Conc: 19.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.701 min
Delta R.T.: -0.009 min
Response: 1608993
Conc: 20.35 ug/ml