

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041921AL\
 Data File : FC053255.D
 Signal(s) : FID1A.CH
 Acq On : 19 Apr 2021 11:00
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 20 03:17:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.557	2665356	18.449 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
12) S 1-chlorooctadecane (S...	12.997	2089777	18.087 ug/ml
Spiked Amount 50.000		Recovery =	36.17%
Target Compounds			
1) T n-Nonane (C9)	3.308	2550859	20.381 ug/ml
2) T n-Decane (C10)	4.374	2578061	20.478 ug/ml
3) T A~Naphthalene (C11.7)	5.961	2814952	20.208 ug/ml
4) T n-Dodecane (C12)	6.395	2639258	20.607 ug/ml
5) T A~2-methylnaphthalene...	7.020	2854017	20.190 ug/ml
6) T n-Tetradecane (C14)	8.194	2629237	20.434 ug/ml
7) T n-Hexadecane (C16)	9.797	2563761	20.052 ug/ml
8) T n-Octadecane (C18)	11.241	2608793	19.290 ug/ml
10) T n-Eicosane (C20)	12.552	2530608	18.424 ug/ml
11) T n-Heneicosane (C21)	13.165	2472638	17.996 ug/ml
13) T n-Docosane (C22)	13.752	2414400	17.516 ug/ml
14) T n-Tetracosane (C24)	14.855	2292050	16.624 ug/ml
15) T n-Hexacosane (C26)	15.878	2160324	15.931 ug/ml
16) T n-Octacosane (C28)	16.829	2084082	15.635 ug/ml
17) T n-Tricontane (C30)	17.718	2048723	15.963 ug/ml
18) T n-Dotriacontane (C32)	18.551	1999690	16.738 ug/ml
19) T n-Tetratriacontane (C34)	19.336	1998834	18.048 ug/ml
20) T n-Hexatriacontane (C36)	20.076	2027450	20.092 ug/ml
21) T n-Octatriacontane (C38)	20.810	1899026	21.316 ug/ml
22) T n-Tetracontane (C40)	21.713	1953835	24.406 ug/ml

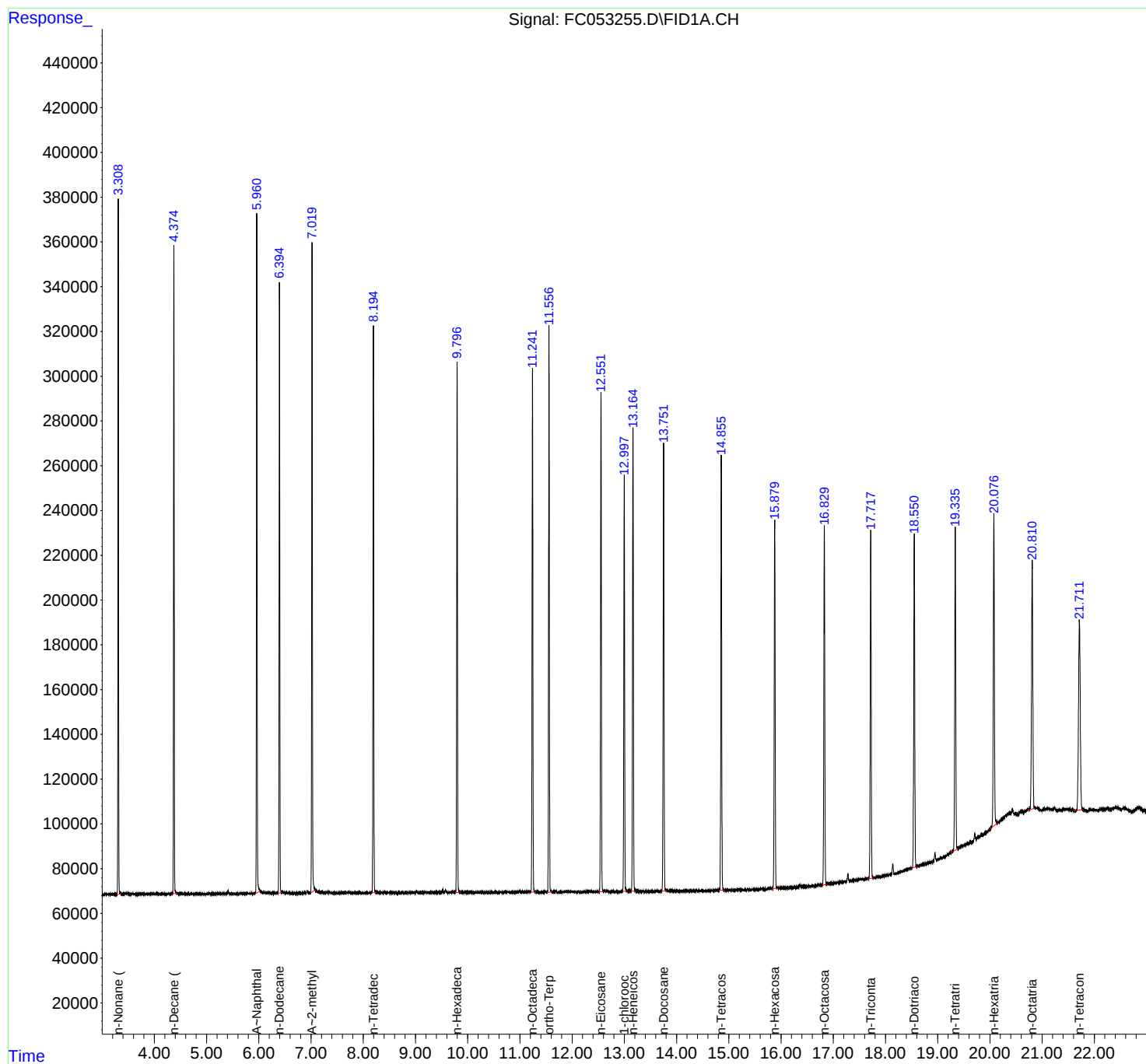
(f)=RT Delta > 1/2 Window

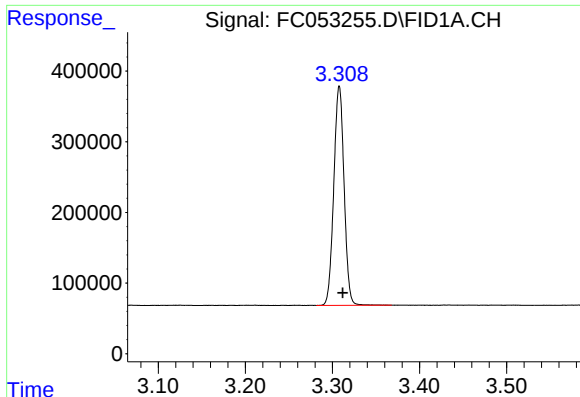
(m)=manual int.

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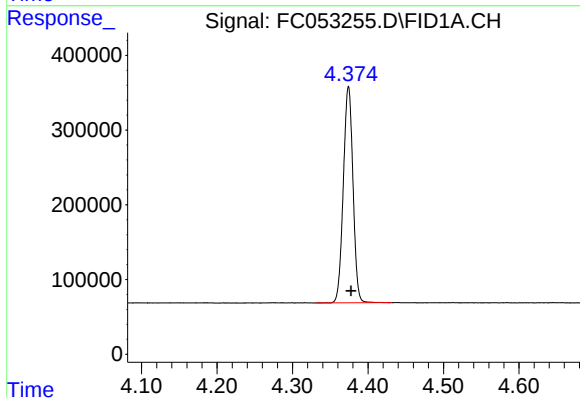
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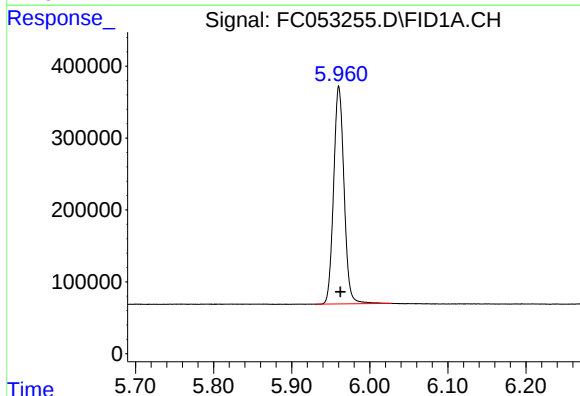
#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: -0.004 min
Response: 2550859
Conc: 20.38 ug/ml



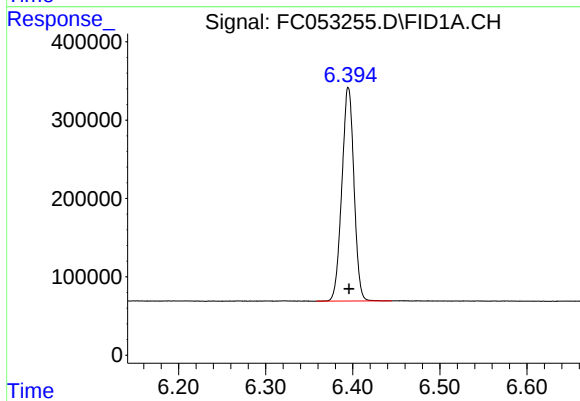
#2 n-Decane (C10)

R.T.: 4.374 min
Delta R.T.: -0.003 min
Response: 2578061
Conc: 20.48 ug/ml



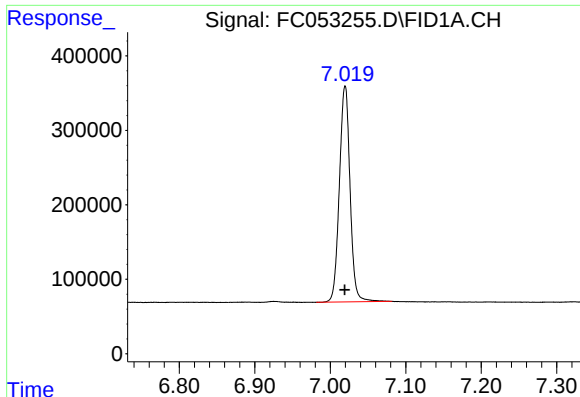
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.002 min
Response: 2814952
Conc: 20.21 ug/ml



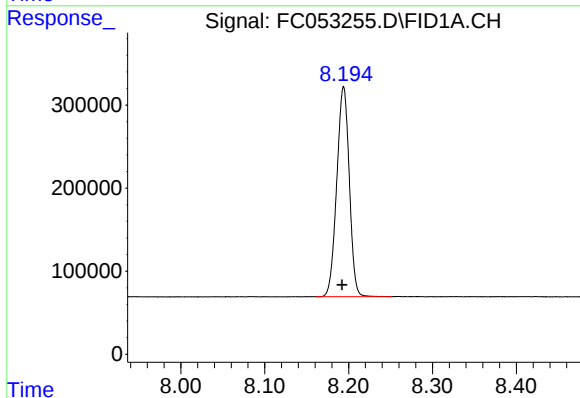
#4 n-Dodecane (C12)

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 2639258
Conc: 20.61 ug/ml



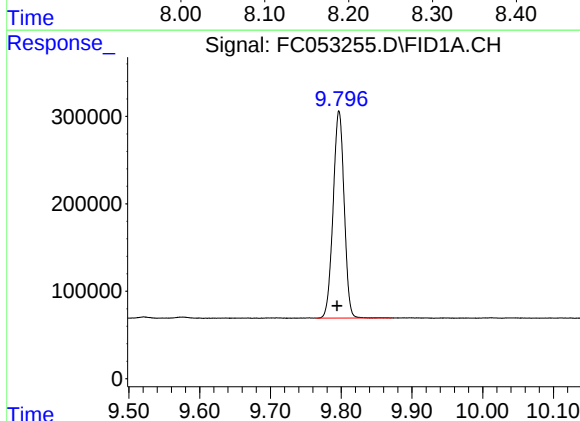
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 2854017
Conc: 20.19 ug/ml



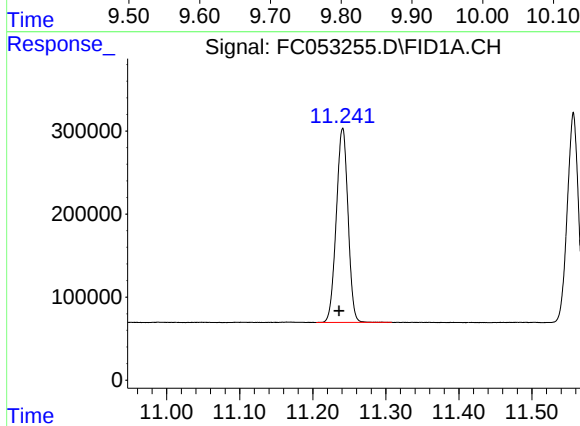
#6 n-Tetradecane (C14)

R.T.: 8.194 min
Delta R.T.: 0.002 min
Response: 2629237
Conc: 20.43 ug/ml



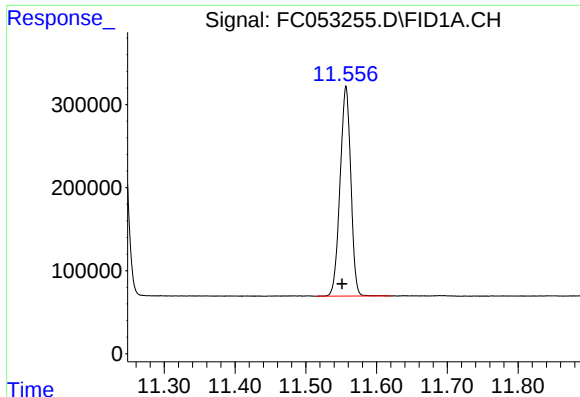
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: 0.003 min
Response: 2563761
Conc: 20.05 ug/ml



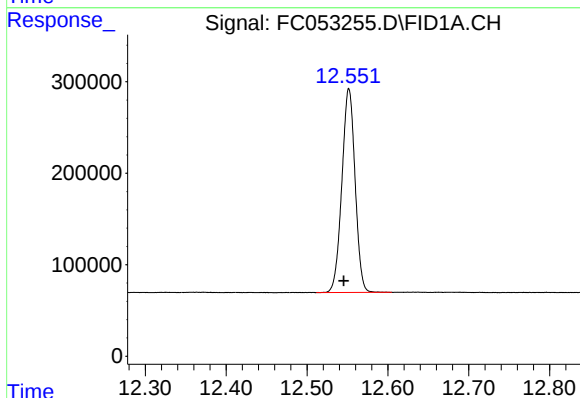
#8 n-Octadecane (C18)

R.T.: 11.241 min
Delta R.T.: 0.005 min
Response: 2608793
Conc: 19.29 ug/ml



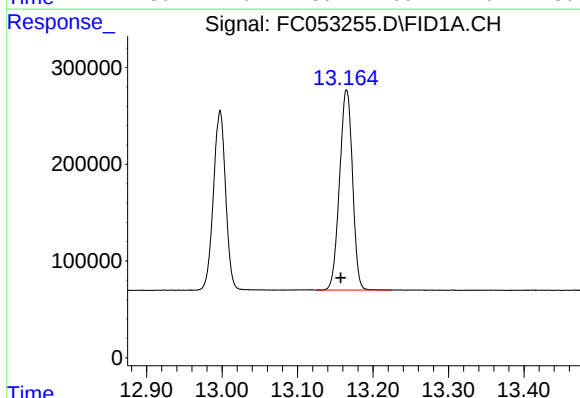
#9 ortho-Terphenyl (SURR)

R.T.: 11.557 min
Delta R.T.: 0.005 min
Response: 2665356
Conc: 18.45 ug/ml



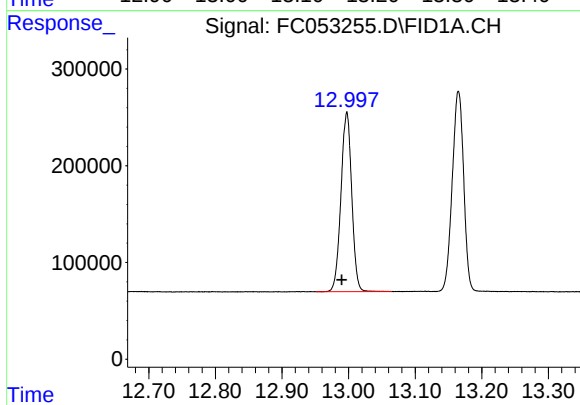
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: 0.007 min
Response: 2530608
Conc: 18.42 ug/ml



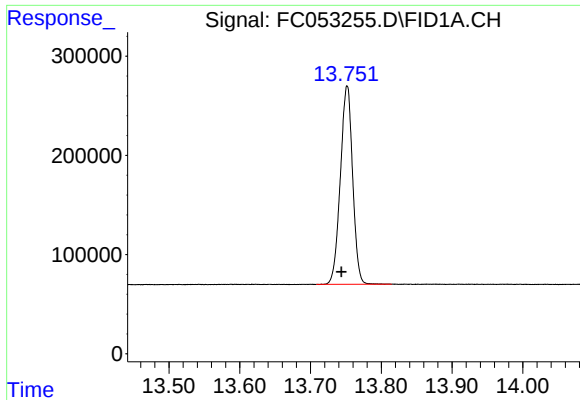
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: 0.008 min
Response: 2472638
Conc: 18.00 ug/ml



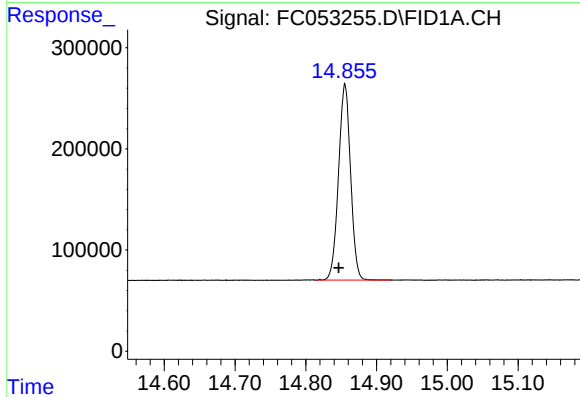
#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: 0.008 min
Response: 2089777
Conc: 18.09 ug/ml



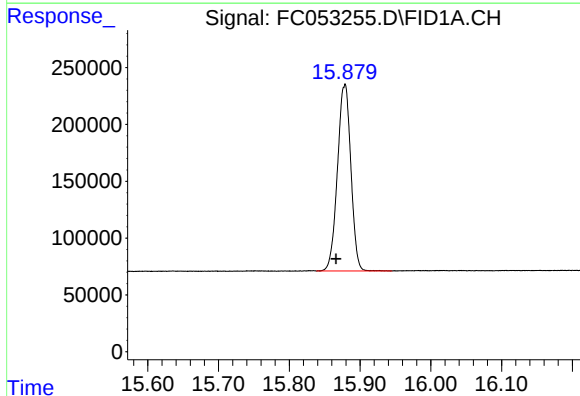
#13 n-Docosane (C22)

R.T.: 13.752 min
Delta R.T.: 0.008 min
Response: 2414400
Conc: 17.52 ug/ml



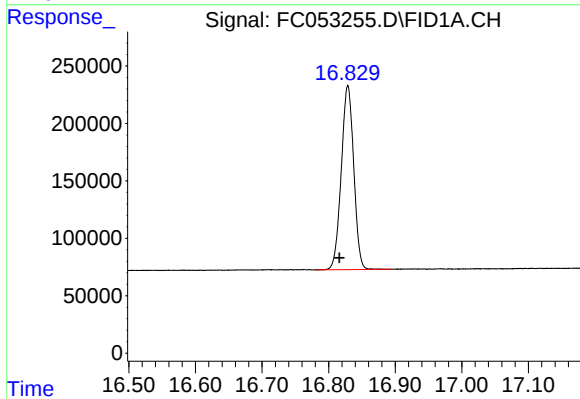
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: 0.009 min
Response: 2292050
Conc: 16.62 ug/ml



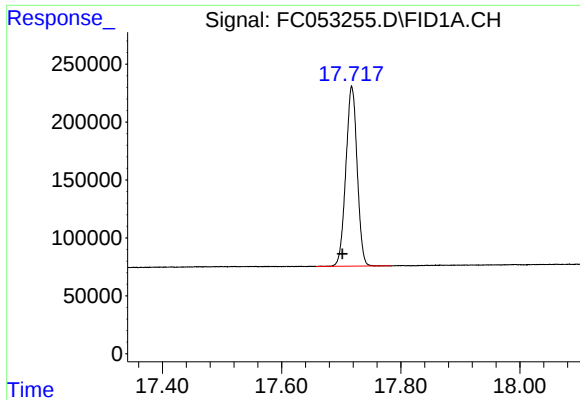
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: 0.012 min
Response: 2160324
Conc: 15.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.829 min
Delta R.T.: 0.013 min
Response: 2084082
Conc: 15.64 ug/ml



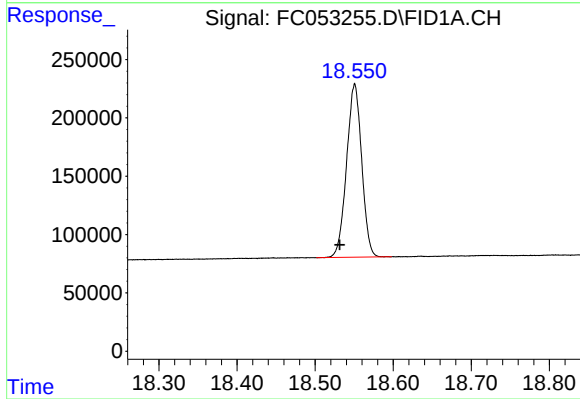
#17 n-Tricontane (C30)

R.T.: 17.718 min

Delta R.T.: 0.016 min

Response: 2048723

Conc: 15.96 ug/ml



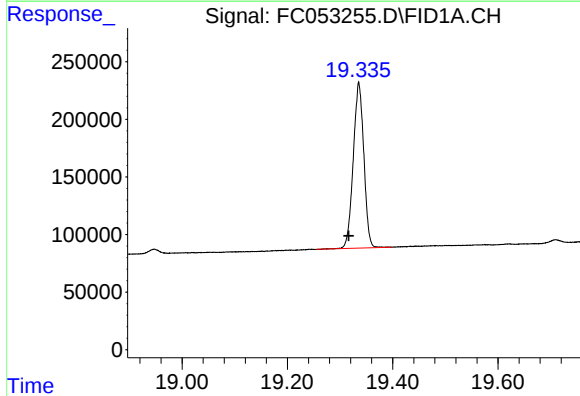
#18 n-Dotriacontane (C32)

R.T.: 18.551 min

Delta R.T.: 0.019 min

Response: 1999690

Conc: 16.74 ug/ml



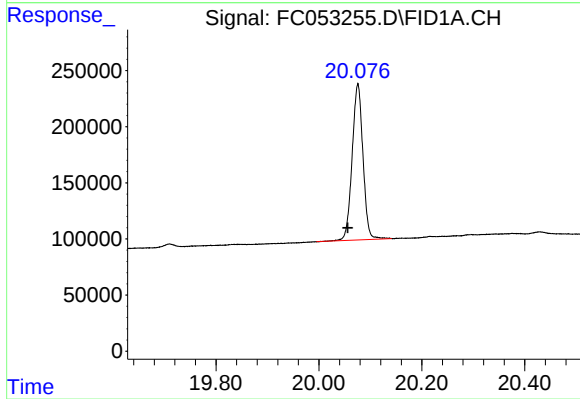
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min

Delta R.T.: 0.019 min

Response: 1998834

Conc: 18.05 ug/ml



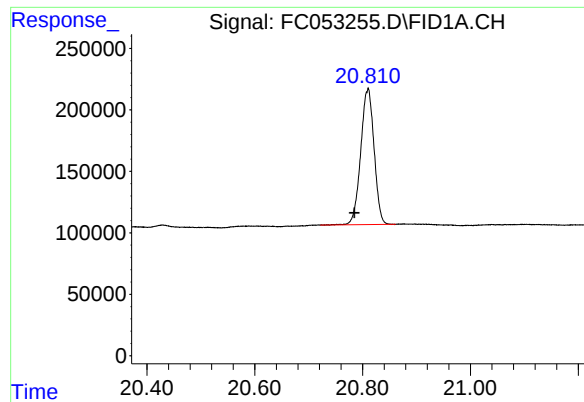
#20 n-Hexatriacontane (C36)

R.T.: 20.076 min

Delta R.T.: 0.020 min

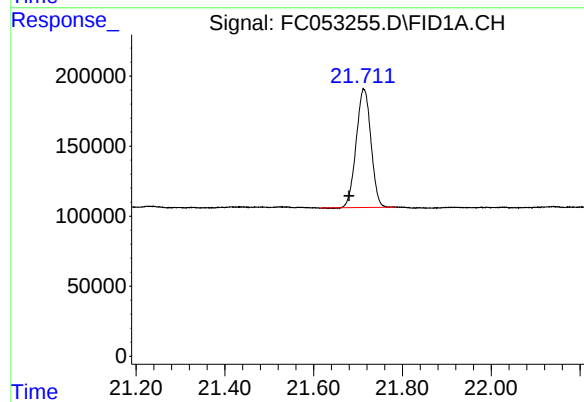
Response: 2027450

Conc: 20.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: 0.025 min
Response: 1899026
Conc: 21.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.713 min
Delta R.T.: 0.033 min
Response: 1953835
Conc: 24.41 ug/ml