

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021522AL\
 Data File : FC058335.D
 Signal(s) : FID1A.CH
 Acq On : 15 Feb 2022 15:56
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 02:06:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021522.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 02:06:12 2022
 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)	11.424	142731974	101.797 ug/ml
Spiked Amount 50.000		Recovery =	203.59%
12) S 1-chlorooctadecane (S...	12.851	108185010	102.991 ug/ml
Spiked Amount 50.000		Recovery =	205.98%
Target Compounds			
1) T n-Nonane (C9)	3.380	121751986	103.322 ug/ml
2) T n-Decane (C10)	4.348	122691083	102.742 ug/ml
3) T A~Naphthalene (C11.7)	5.867	137511062	102.151 ug/ml
4) T n-Dodecane (C12)	6.301	126375882	101.619 ug/ml
5) T A~2-methylnaphthalene...	6.914	138252613	103.092 ug/ml
6) T n-Tetradecane (C14)	8.081	126826490	101.702 ug/ml
7) T n-Hexadecane (C16)	9.673	127367891	101.632 ug/ml
8) T n-Octadecane (C18)	11.114	127964817	101.606 ug/ml
10) T n-Eicosane (C20)	12.413	126823495	102.009 ug/ml
11) T n-Heneicosane (C21)	13.026	127052506	102.268 ug/ml
13) T n-Docosane (C22)	13.608	126678292	102.623 ug/ml
14) T n-Tetracosane (C24)	14.706	125745722	102.989 ug/ml
15) T n-Hexacosane (C26)	15.722	123848012	104.291 ug/ml
16) T n-Octacosane (C28)	16.668	120423005	105.018 ug/ml
17) T n-Tricontane (C30)	17.552	113576394	103.855 ug/ml
18) T n-Dotriacontane (C32)	18.380	101881896	128.137 ug/ml
19) T n-Tetratriacontane (C34)	19.157	88428271	101.631 ug/ml
20) T n-Hexatriacontane (C36)	19.890	73123837	104.894 ug/mlm
21) T n-Octatriacontane (C38)	20.593	59199232	105.451 ug/mlm
22) T n-Tetracontane (C40)	21.420	46876865	114.487 ug/ml

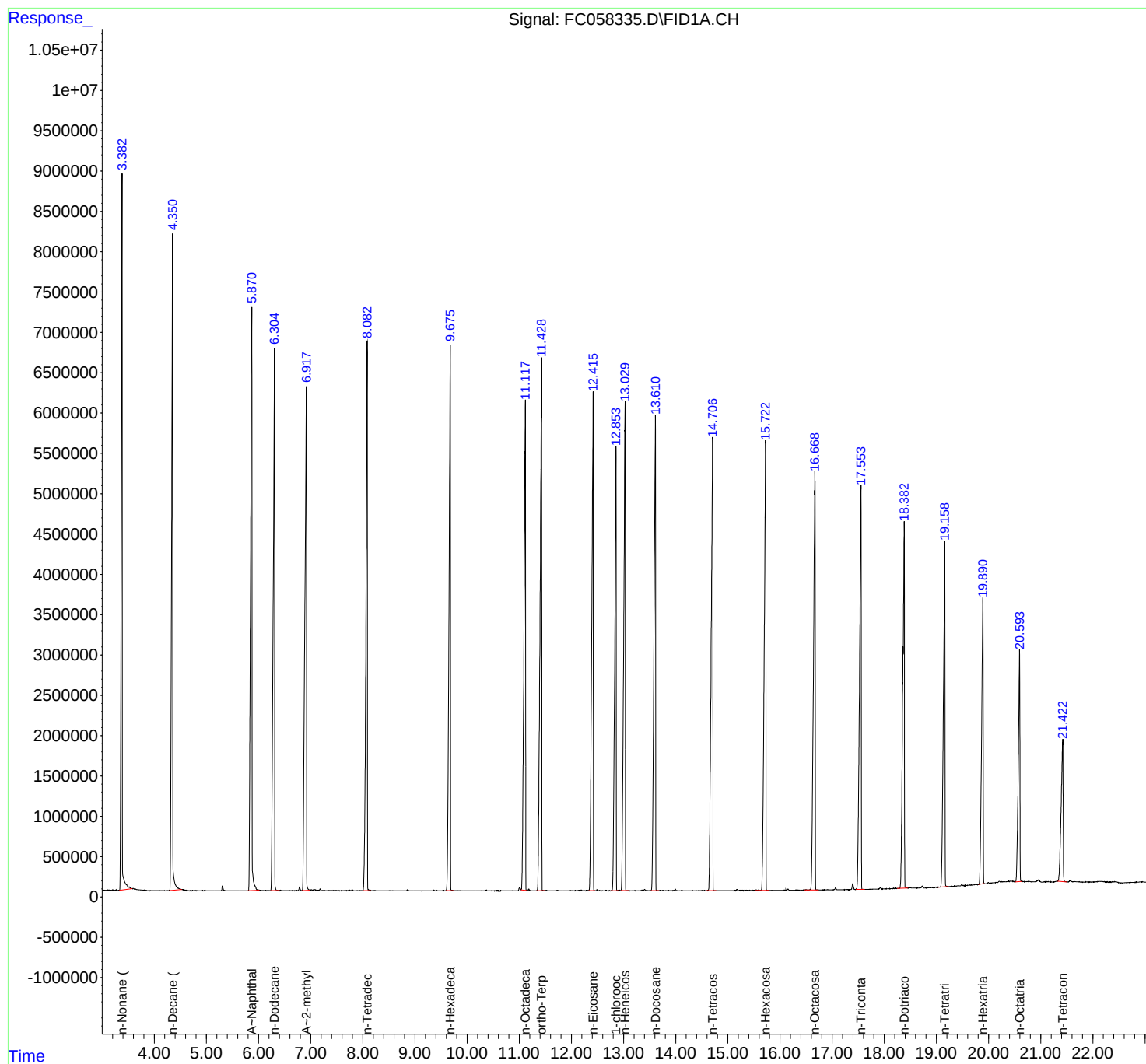
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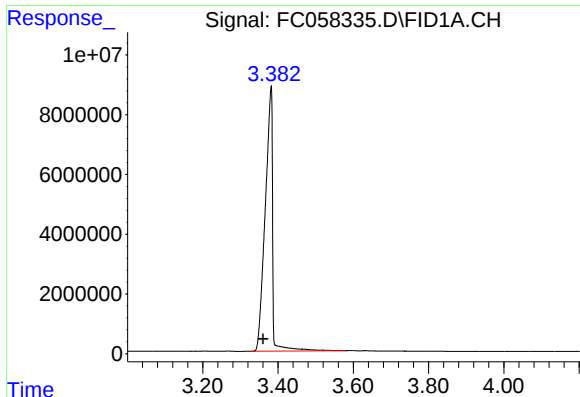
(m)=manual int.

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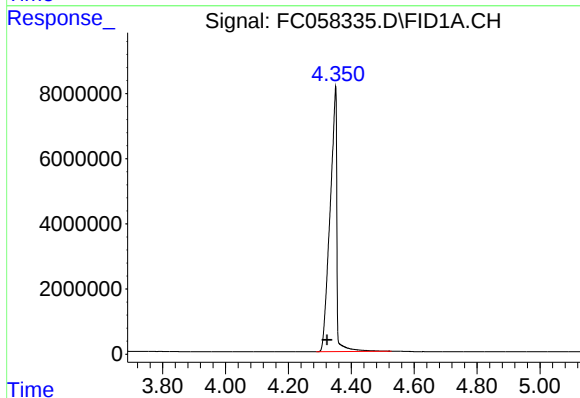
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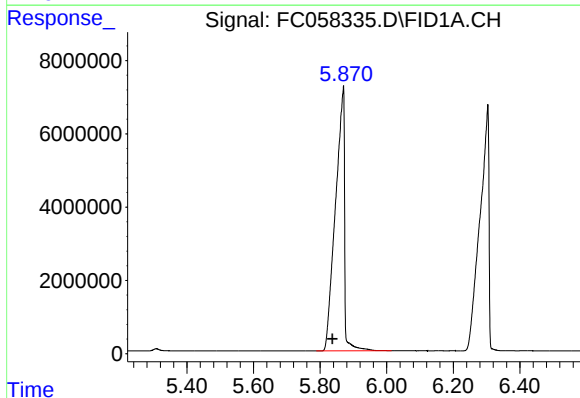
#1 n-Nonane (C9)

R.T.: 3.380 min
Delta R.T.: 0.020 min
Response: 121751986
Conc: 103.32 ug/ml



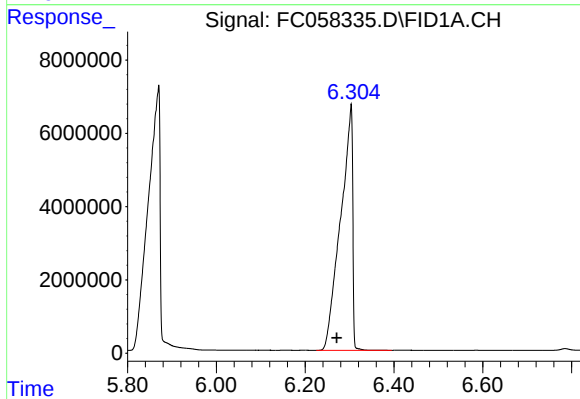
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: 0.025 min
Response: 122691083
Conc: 102.74 ug/ml



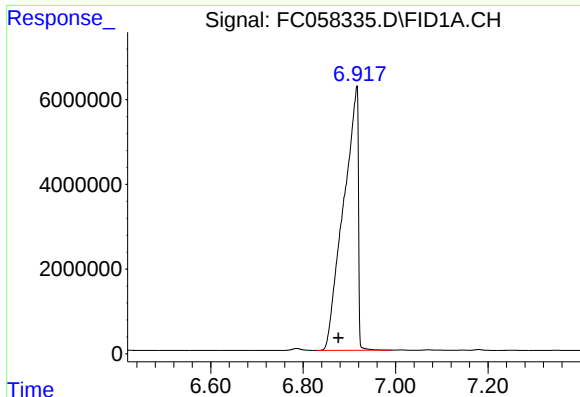
#3 A~Naphthalene (C11.7)

R.T.: 5.867 min
Delta R.T.: 0.030 min
Response: 137511062
Conc: 102.15 ug/ml



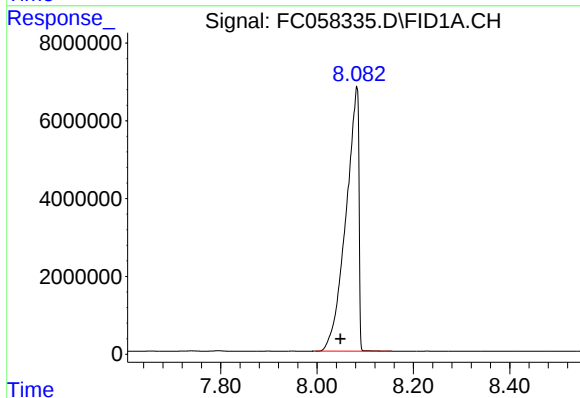
#4 n-Dodecane (C12)

R.T.: 6.301 min
Delta R.T.: 0.030 min
Response: 126375882
Conc: 101.62 ug/ml



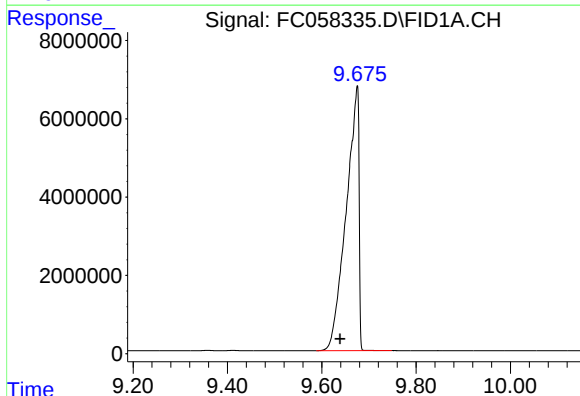
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: 0.037 min
Response: 138252613
Conc: 103.09 ug/ml



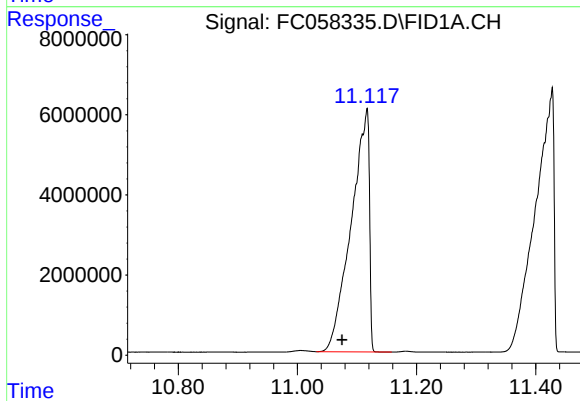
#6 n-Tetradecane (C14)

R.T.: 8.081 min
Delta R.T.: 0.032 min
Response: 126826490
Conc: 101.70 ug/ml



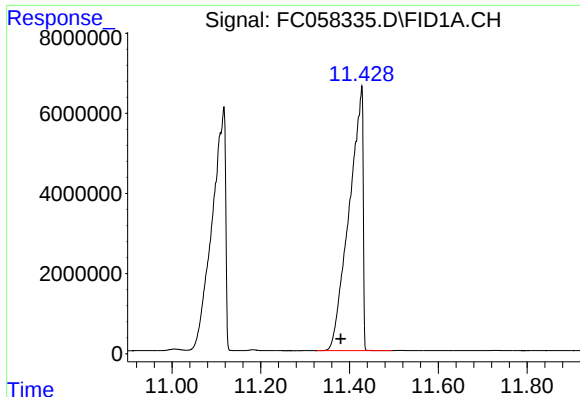
#7 n-Hexadecane (C16)

R.T.: 9.673 min
Delta R.T.: 0.035 min
Response: 127367891
Conc: 101.63 ug/ml



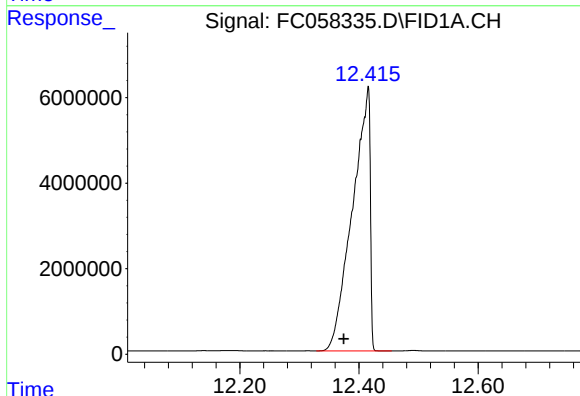
#8 n-Octadecane (C18)

R.T.: 11.114 min
Delta R.T.: 0.039 min
Response: 127964817
Conc: 101.61 ug/ml



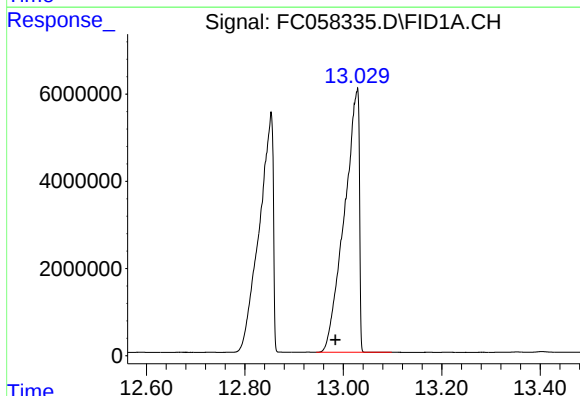
#9 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: 0.044 min
Response: 142731974
Conc: 101.80 ug/ml



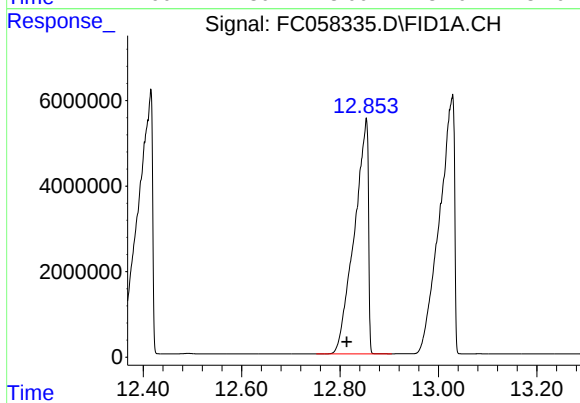
#10 n-Eicosane (C20)

R.T.: 12.413 min
Delta R.T.: 0.039 min
Response: 126823495
Conc: 102.01 ug/ml



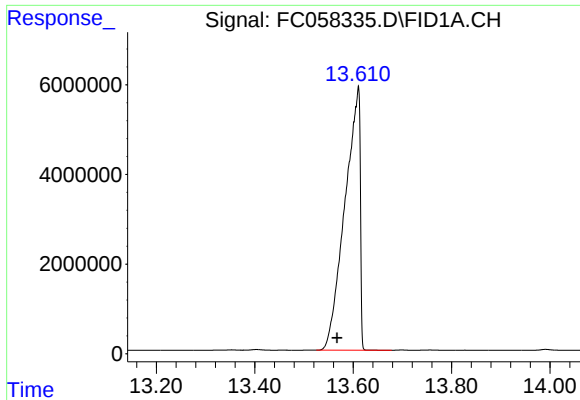
#11 n-Heneicosane (C21)

R.T.: 13.026 min
Delta R.T.: 0.042 min
Response: 127052506
Conc: 102.27 ug/ml



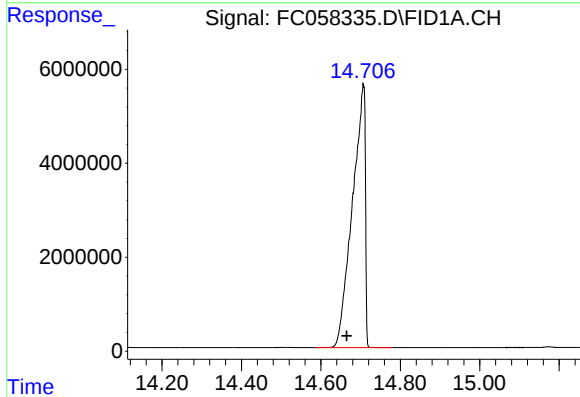
#12 1-chlorooctadecane (SURR)

R.T.: 12.851 min
Delta R.T.: 0.038 min
Response: 108185010
Conc: 102.99 ug/ml



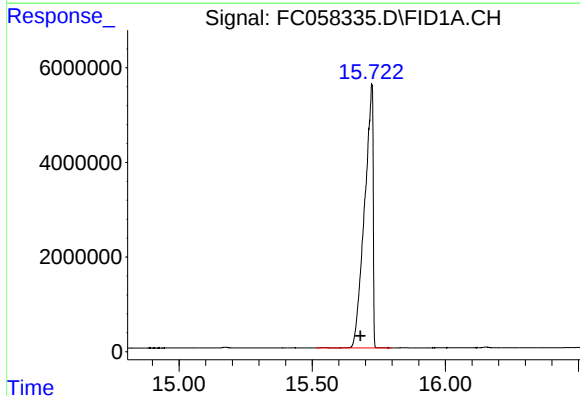
#13 n-Docosane (C22)

R.T.: 13.608 min
Delta R.T.: 0.041 min
Response: 126678292
Conc: 102.62 ug/ml



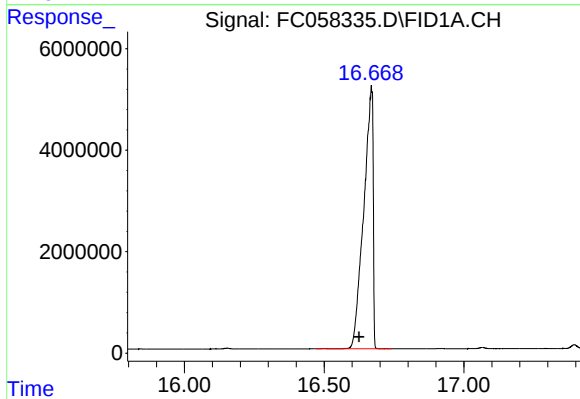
#14 n-Tetracosane (C24)

R.T.: 14.706 min
Delta R.T.: 0.041 min
Response: 125745722
Conc: 102.99 ug/ml



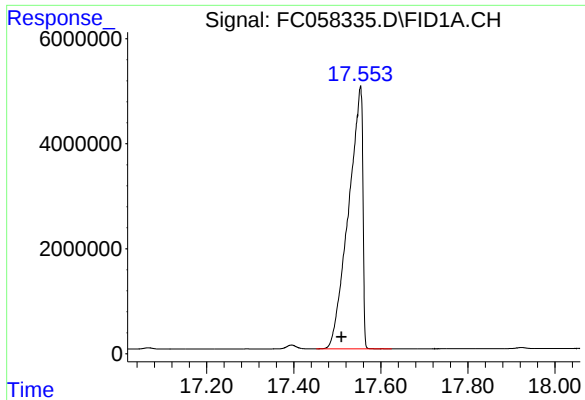
#15 n-Hexacosane (C26)

R.T.: 15.722 min
Delta R.T.: 0.042 min
Response: 123848012
Conc: 104.29 ug/ml



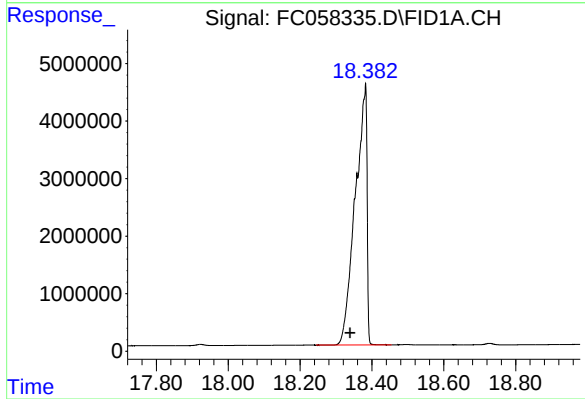
#16 n-Octacosane (C28)

R.T.: 16.668 min
Delta R.T.: 0.043 min
Response: 120423005
Conc: 105.02 ug/ml



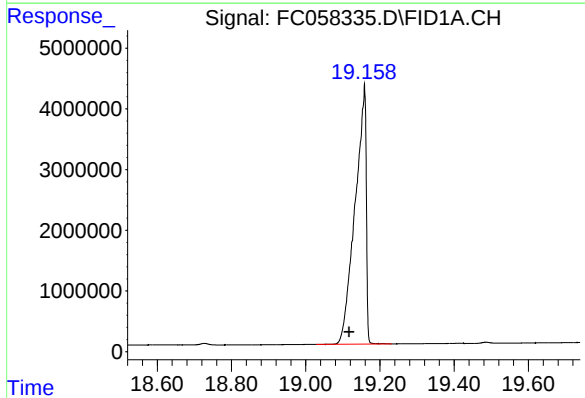
#17 n-Tricontane (C30)

R.T.: 17.552 min
Delta R.T.: 0.042 min
Response: 113576394
Conc: 103.86 ug/ml



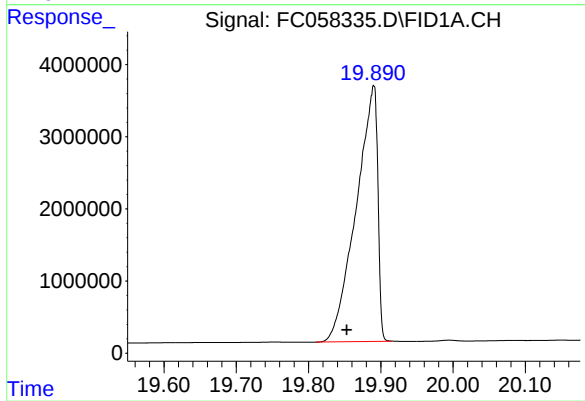
#18 n-Dotriacontane (C32)

R.T.: 18.380 min
Delta R.T.: 0.040 min
Response: 101881896
Conc: 128.14 ug/ml



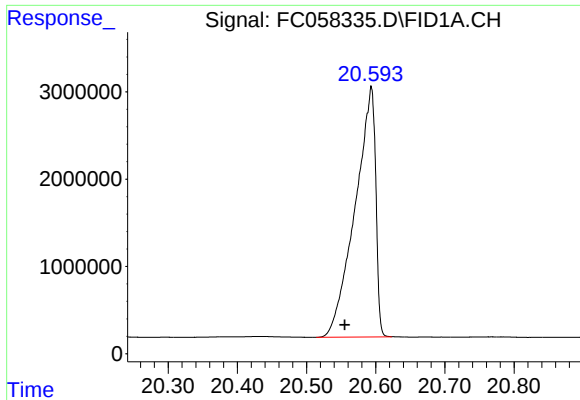
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: 0.040 min
Response: 88428271
Conc: 101.63 ug/ml



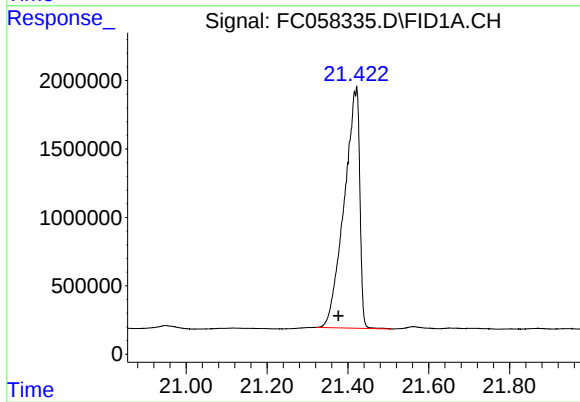
#20 n-Hexatriacontane (C36)

R.T.: 19.890 min
Delta R.T.: 0.037 min
Response: 73123837
Conc: 104.89 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.593 min
Delta R.T.: 0.038 min
Response: 59199232
Conc: 105.45 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.420 min
Delta R.T.: 0.043 min
Response: 46876865
Conc: 114.49 ug/ml