

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022421AL\
 Data File : FC052133.D
 Signal(s) : FID1A.CH
 Acq On : 24 Feb 2021 9:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 00:07:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 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)	11.699	2571173	21.183 ug/ml
Spiked Amount 50.000		Recovery =	42.37%
12) S 1-chlorooctadecane (S...	13.130	2051660	20.895 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
Target Compounds			
1) T n-Nonane (C9)	3.450	2301474	21.780 ug/ml
2) T n-Decane (C10)	4.520	2340925	21.968 ug/ml
3) T A~Naphthalene (C11.7)	6.114	2643509	22.104 ug/ml
4) T n-Dodecane (C12)	6.539	2400162	22.196 ug/ml
5) T A~2-methylnaphthalene...	7.172	2705121	22.169 ug/ml
6) T n-Tetradecane (C14)	8.334	2419971	22.284 ug/ml
7) T n-Hexadecane (C16)	9.934	2388040	22.128 ug/ml
8) T n-Octadecane (C18)	11.376	2465695	21.810 ug/ml
10) T n-Eicosane (C20)	12.683	2451424	21.345 ug/ml
11) T n-Heneicosane (C21)	13.295	2418204	20.982 ug/ml
13) T n-Docosane (C22)	13.881	2380983	20.542 ug/ml
14) T n-Tetracosane (C24)	14.984	2359849	20.153 ug/ml
15) T n-Hexacosane (C26)	16.005	2279839	19.500 ug/ml
16) T n-Octacosane (C28)	16.955	2192350	18.641 ug/ml
17) T n-Tricontane (C30)	17.842	2119818	17.934 ug/ml
18) T n-Dotriacontane (C32)	18.676	2023817	17.258 ug/ml
19) T n-Tetratriacontane (C34)	19.459	1954784	16.878 ug/ml
20) T n-Hexatriacontane (C36)	20.200	1881184	16.908 ug/ml
21) T n-Octatriacontane (C38)	20.959	1771104	17.294 ug/ml
22) T n-Tetracontane (C40)	21.909	1846787	17.916 ug/ml

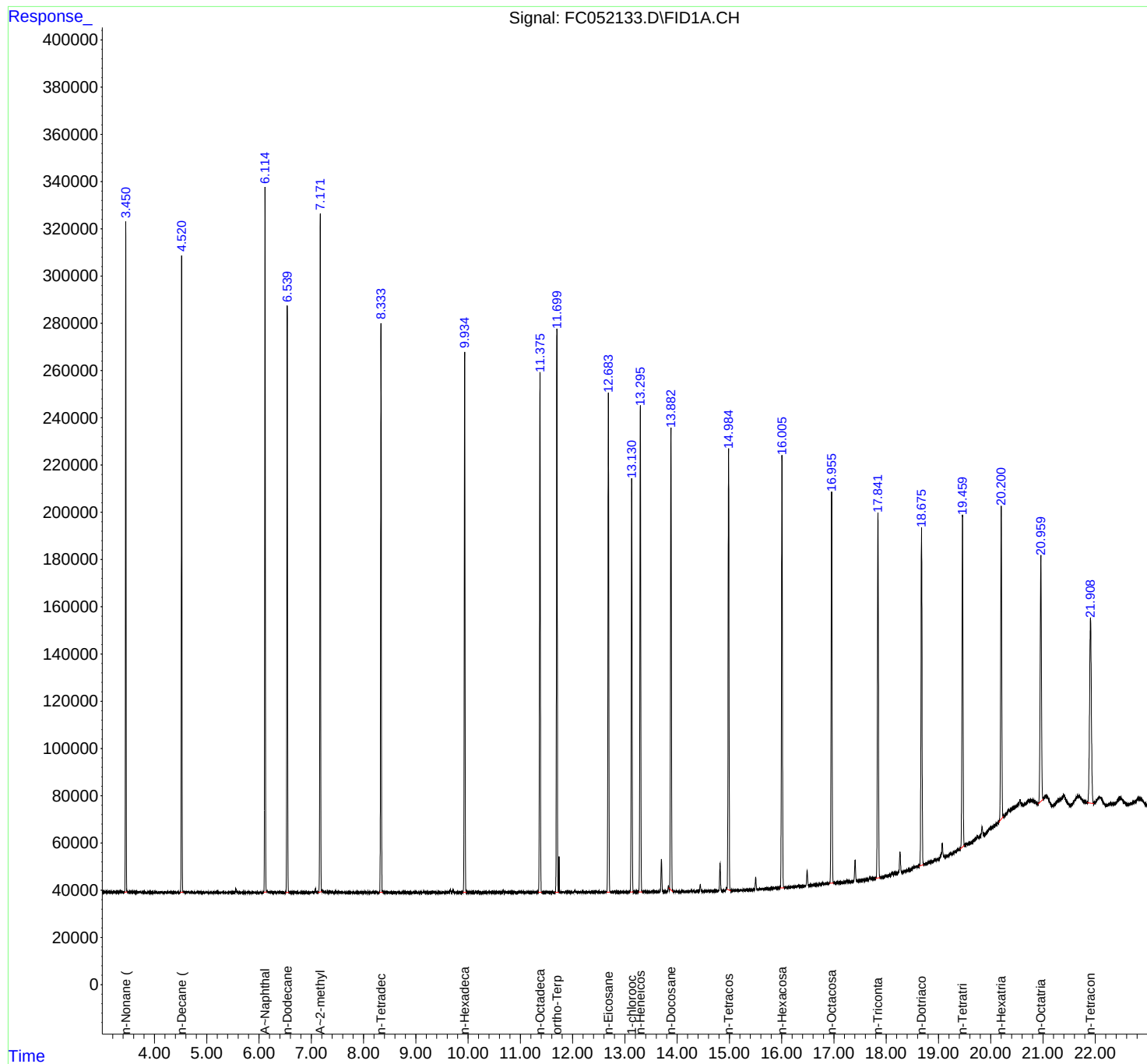
(f)=RT Delta > 1/2 Window

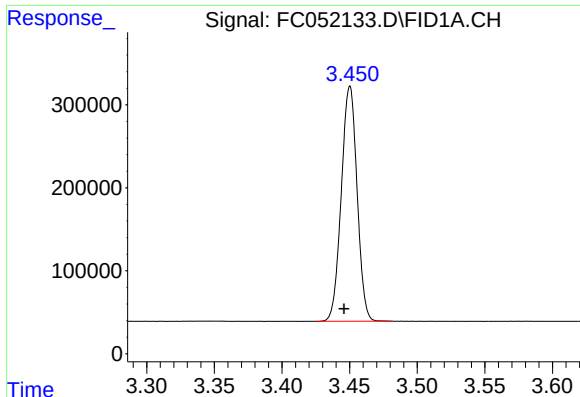
(m)=manual int.

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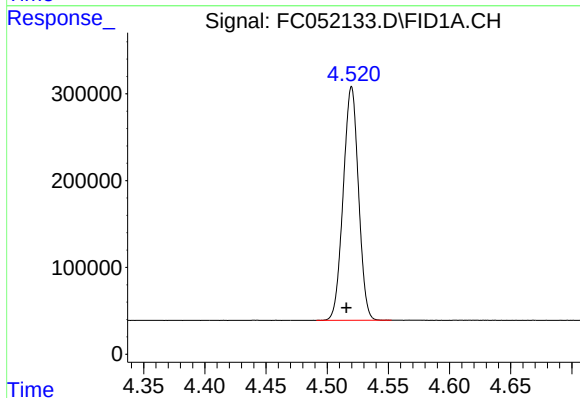
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





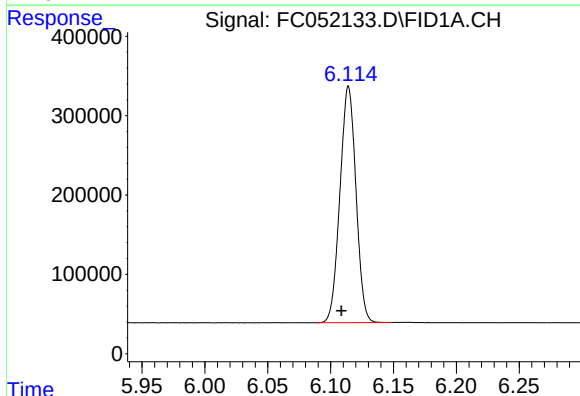
#1 n-Nonane (C9)

R.T.: 3.450 min
Delta R.T.: 0.004 min
Response: 2301474
Conc: 21.78 ug/ml



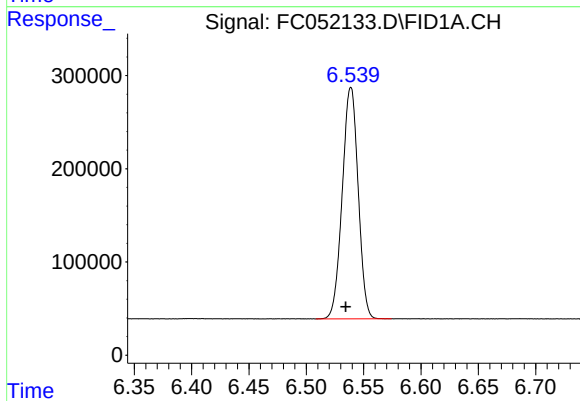
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.004 min
Response: 2340925
Conc: 21.97 ug/ml



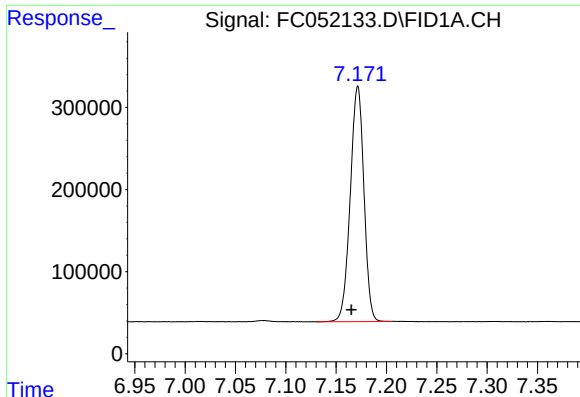
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: 0.006 min
Response: 2643509
Conc: 22.10 ug/ml



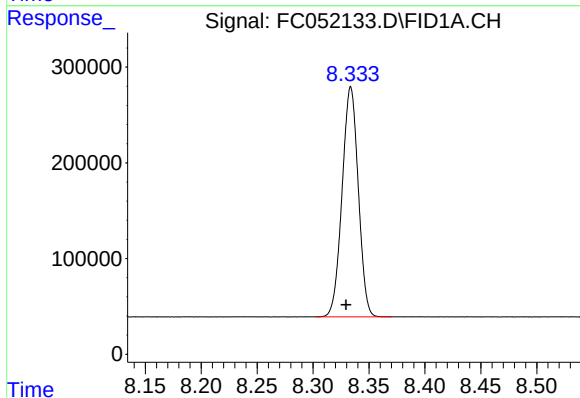
#4 n-Dodecane (C12)

R.T.: 6.539 min
Delta R.T.: 0.004 min
Response: 2400162
Conc: 22.20 ug/ml



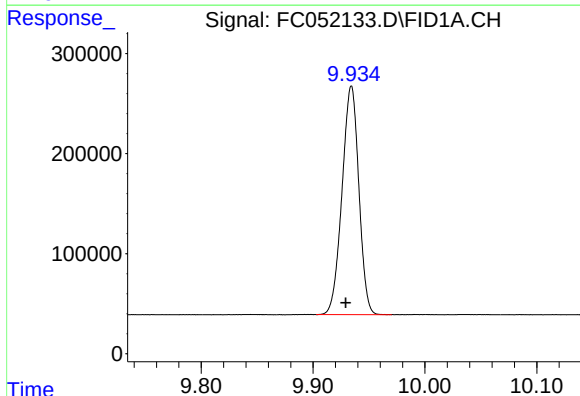
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.172 min
Delta R.T.: 0.006 min
Response: 2705121
Conc: 22.17 ug/ml



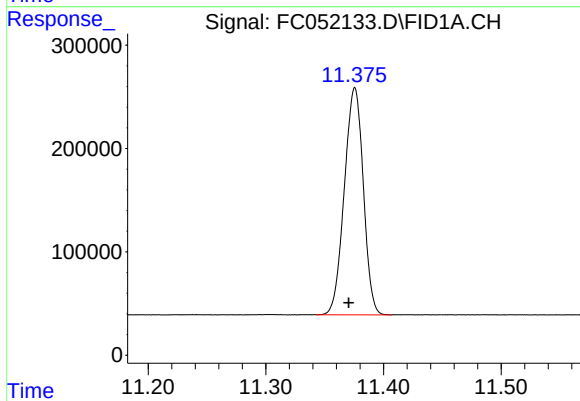
#6 n-Tetradecane (C14)

R.T.: 8.334 min
Delta R.T.: 0.004 min
Response: 2419971
Conc: 22.28 ug/ml



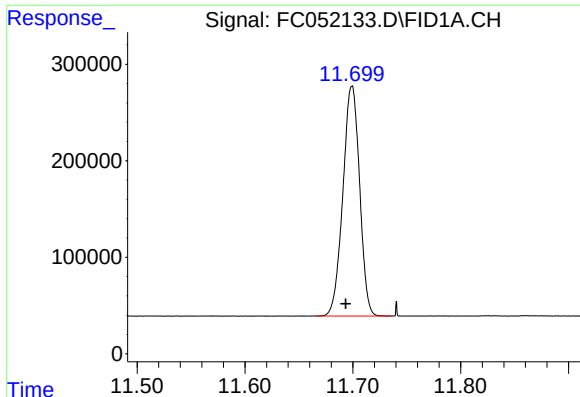
#7 n-Hexadecane (C16)

R.T.: 9.934 min
Delta R.T.: 0.005 min
Response: 2388040
Conc: 22.13 ug/ml



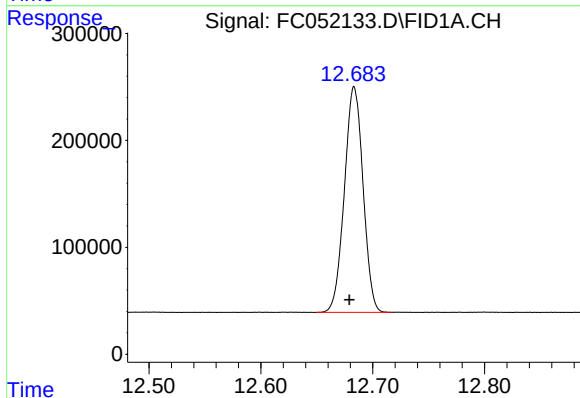
#8 n-Octadecane (C18)

R.T.: 11.376 min
Delta R.T.: 0.005 min
Response: 2465695
Conc: 21.81 ug/ml



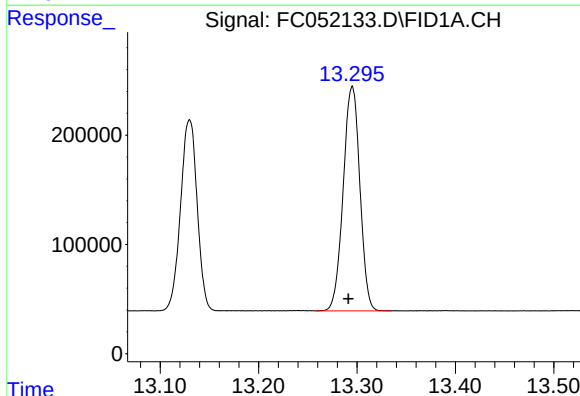
#9 ortho-Terphenyl (SURR)

R.T.: 11.699 min
Delta R.T.: 0.006 min
Response: 2571173
Conc: 21.18 ug/ml



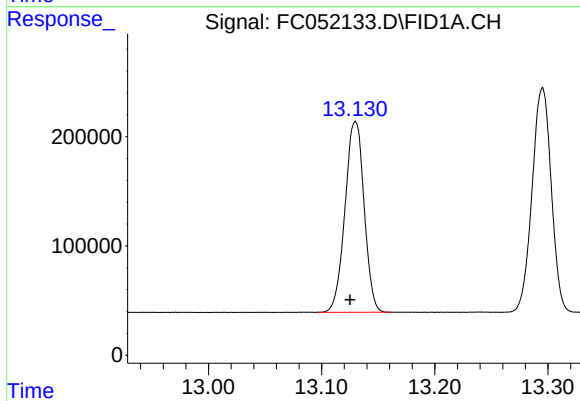
#10 n-Eicosane (C20)

R.T.: 12.683 min
Delta R.T.: 0.004 min
Response: 2451424
Conc: 21.35 ug/ml



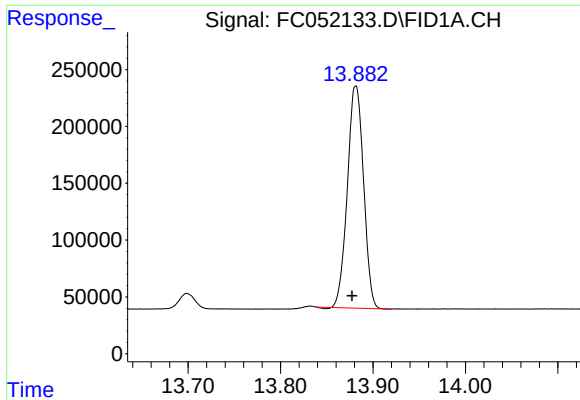
#11 n-Heneicosane (C21)

R.T.: 13.295 min
Delta R.T.: 0.004 min
Response: 2418204
Conc: 20.98 ug/ml



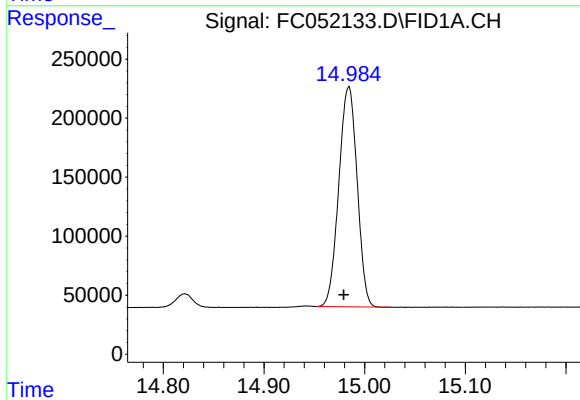
#12 1-chlorooctadecane (SURR)

R.T.: 13.130 min
Delta R.T.: 0.005 min
Response: 2051660
Conc: 20.90 ug/ml



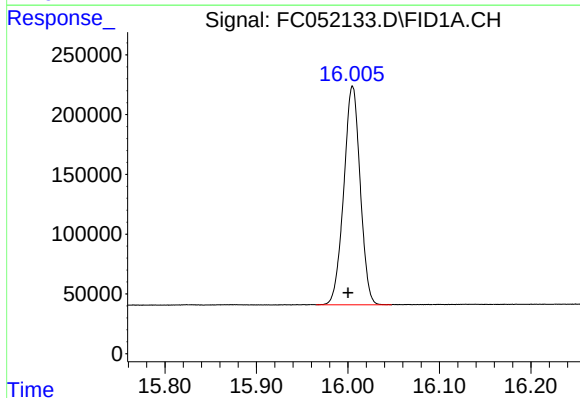
#13 n-Docosane (C22)

R.T.: 13.881 min
Delta R.T.: 0.004 min
Response: 2380983
Conc: 20.54 ug/ml



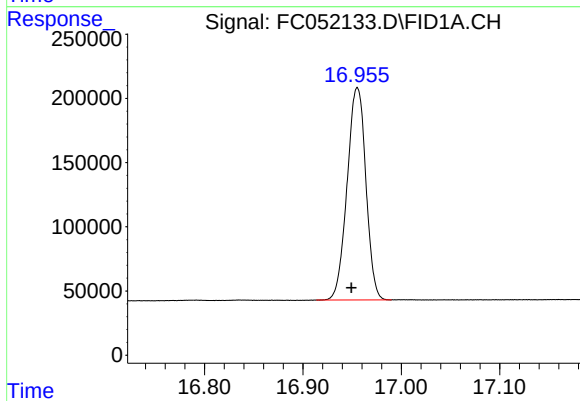
#14 n-Tetracosane (C24)

R.T.: 14.984 min
Delta R.T.: 0.005 min
Response: 2359849
Conc: 20.15 ug/ml



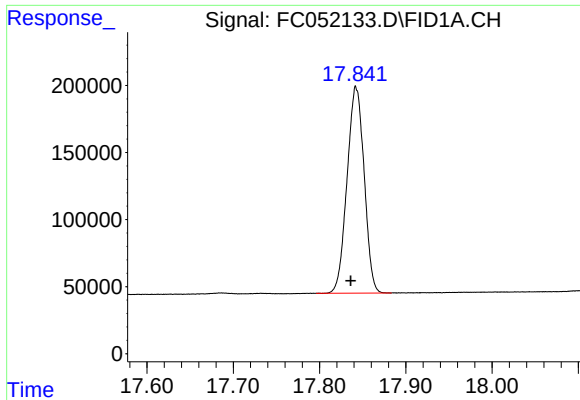
#15 n-Hexacosane (C26)

R.T.: 16.005 min
Delta R.T.: 0.005 min
Response: 2279839
Conc: 19.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.955 min
Delta R.T.: 0.006 min
Response: 2192350
Conc: 18.64 ug/ml



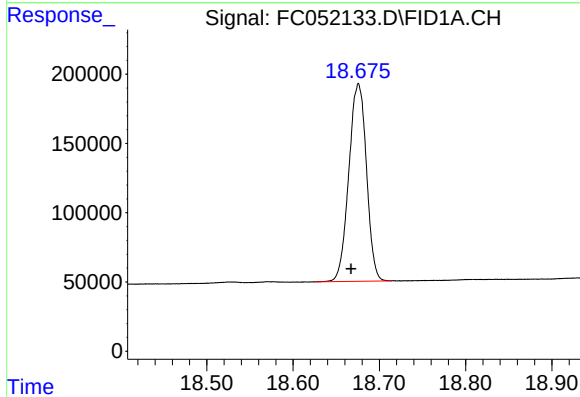
#17 n-Tricontane (C30)

R.T.: 17.842 min

Delta R.T.: 0.006 min

Response: 2119818

Conc: 17.93 ug/ml



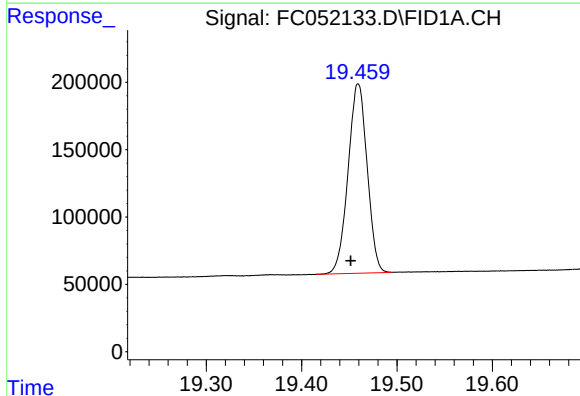
#18 n-Dotriacontane (C32)

R.T.: 18.676 min

Delta R.T.: 0.009 min

Response: 2023817

Conc: 17.26 ug/ml



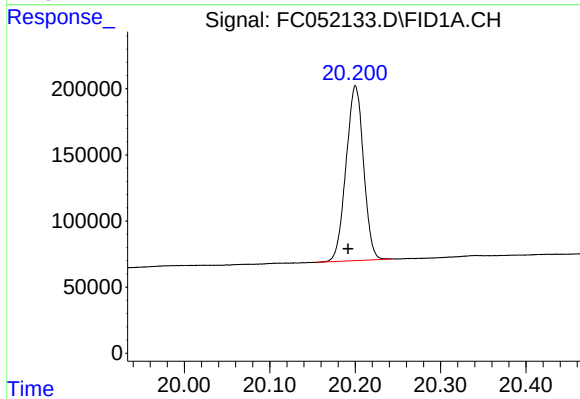
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min

Delta R.T.: 0.008 min

Response: 1954784

Conc: 16.88 ug/ml



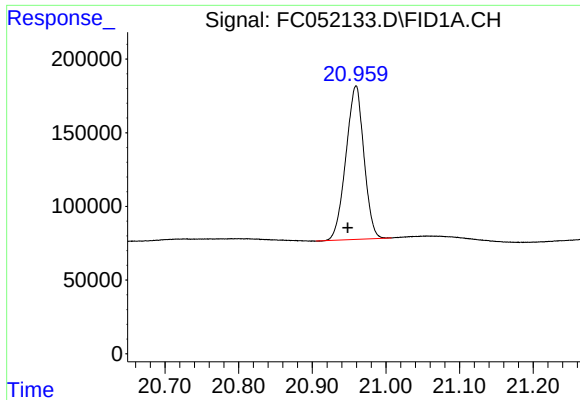
#20 n-Hexatriacontane (C36)

R.T.: 20.200 min

Delta R.T.: 0.009 min

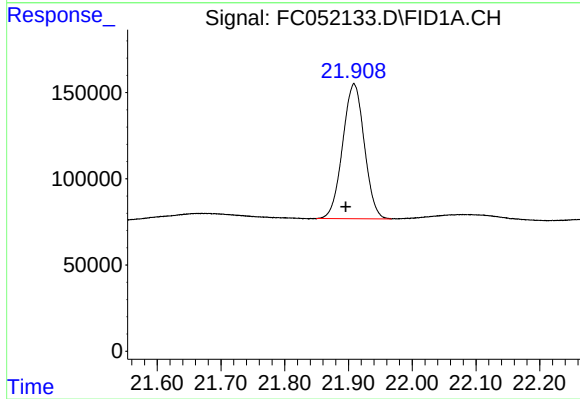
Response: 1881184

Conc: 16.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.959 min
Delta R.T.: 0.011 min
Response: 1771104
Conc: 17.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.909 min
Delta R.T.: 0.013 min
Response: 1846787
Conc: 17.92 ug/ml