

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092121AL\
 Data File : FC055742.D
 Signal(s) : FID1A.CH
 Acq On : 21 Sep 2021 20:46
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 22 03:06:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 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)	11.646	2638605	20.895 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
12) S 1-chlorooctadecane (S...	13.078	2084606	21.097 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
Target Compounds			
1) T n-Nonane (C9)	3.400	2288326	20.591 ug/ml
2) T n-Decane (C10)	4.467	2307491	20.601 ug/ml
3) T A~Naphthalene (C11.7)	6.058	2620660	20.876 ug/ml
4) T n-Dodecane (C12)	6.486	2350335	21.004 ug/ml
5) T A~2-methylnaphthalene...	7.115	2650828	20.966 ug/ml
6) T n-Tetradecane (C14)	8.282	2401560	21.216 ug/ml
7) T n-Hexadecane (C16)	9.883	2444486	21.395 ug/ml
8) T n-Octadecane (C18)	11.324	2510487	21.158 ug/ml
10) T n-Eicosane (C20)	12.633	2474513	20.963 ug/ml
11) T n-Heneicosane (C21)	13.244	2485393	20.832 ug/ml
13) T n-Docosane (C22)	13.830	2466082	20.815 ug/ml
14) T n-Tetracosane (C24)	14.932	2416713	20.424 ug/ml
15) T n-Hexacosane (C26)	15.951	2286805	20.069 ug/ml
16) T n-Octacosane (C28)	16.898	2168308	19.934 ug/ml
17) T n-Tricontane (C30)	17.783	2043610	20.202 ug/ml
18) T n-Dotriacontane (C32)	18.614	1915930	20.968 ug/ml
19) T n-Tetratriacontane (C34)	19.395	1842061	21.331 ug/ml
20) T n-Hexatriacontane (C36)	20.133	1728918	20.328 ug/ml
21) T n-Octatriacontane (C38)	20.875	1694113	22.255 ug/mlm
22) T n-Tetracontane (C40)	21.800	1711411	24.433 ug/ml

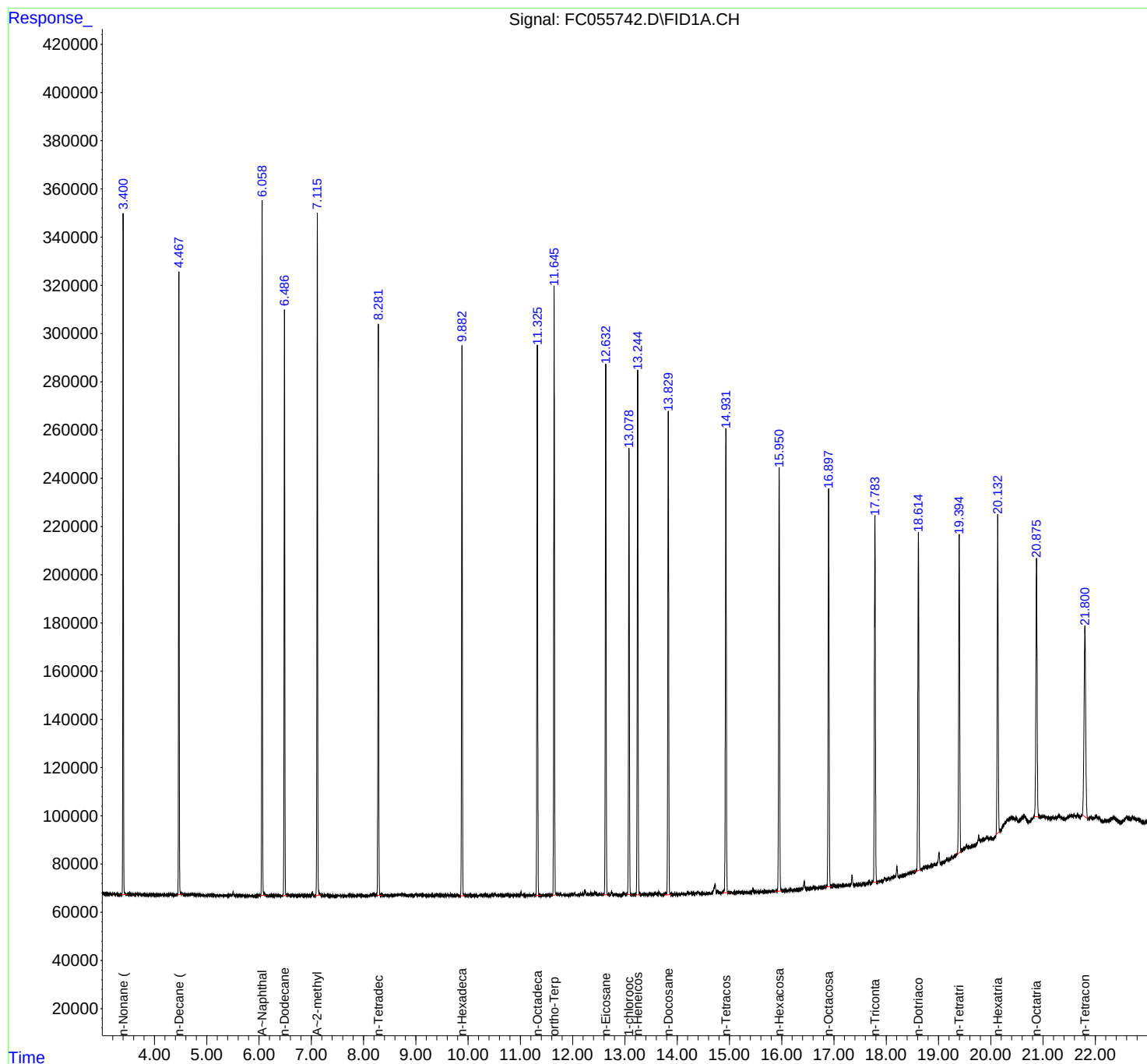
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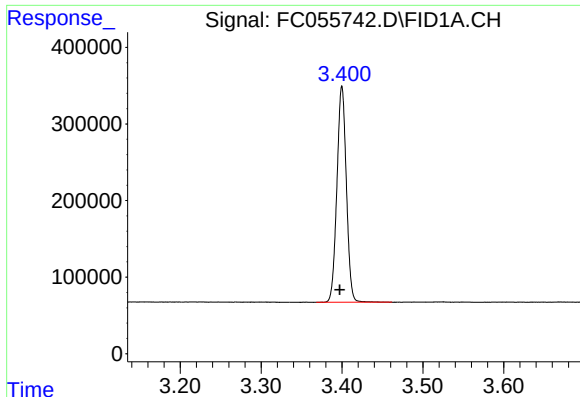
(m)=manual int.

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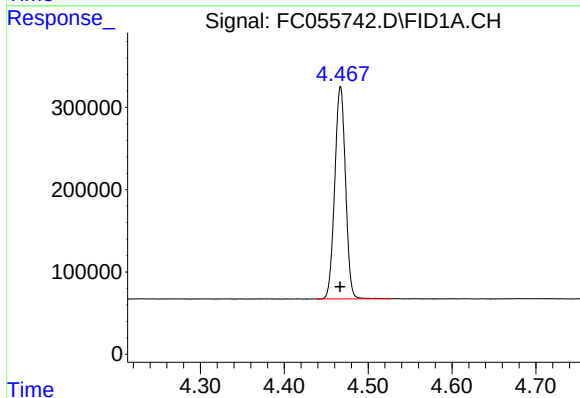
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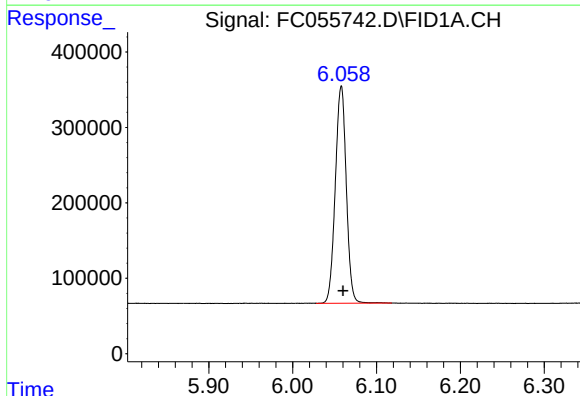
#1 n-Nonane (C9)

R.T.: 3.400 min
Delta R.T.: 0.003 min
Response: 2288326
Conc: 20.59 ug/ml



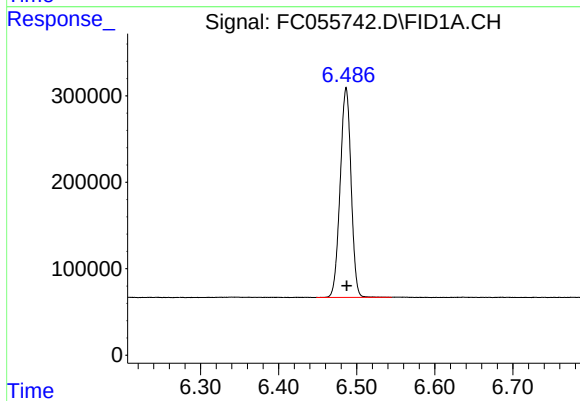
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 2307491
Conc: 20.60 ug/ml



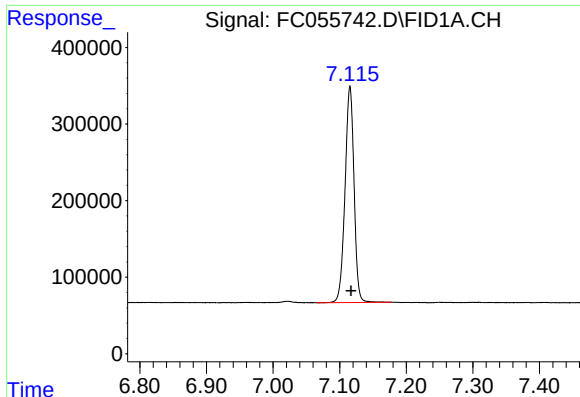
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.002 min
Response: 2620660
Conc: 20.88 ug/ml



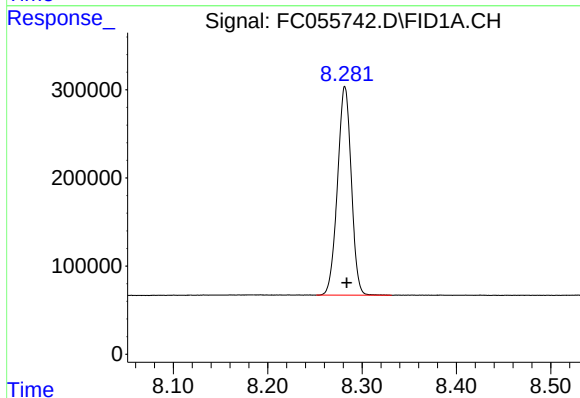
#4 n-Dodecane (C12)

R.T.: 6.486 min
Delta R.T.: -0.001 min
Response: 2350335
Conc: 21.00 ug/ml



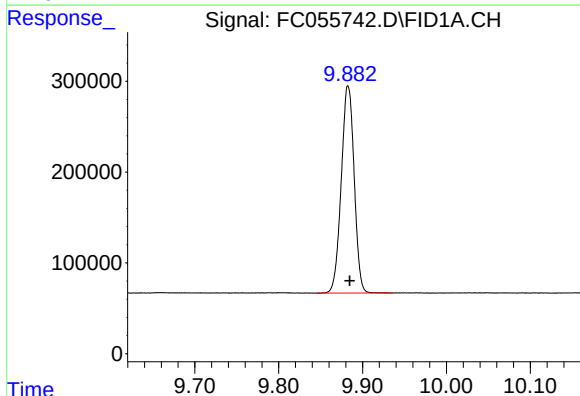
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: -0.002 min
Response: 2650828
Conc: 20.97 ug/ml



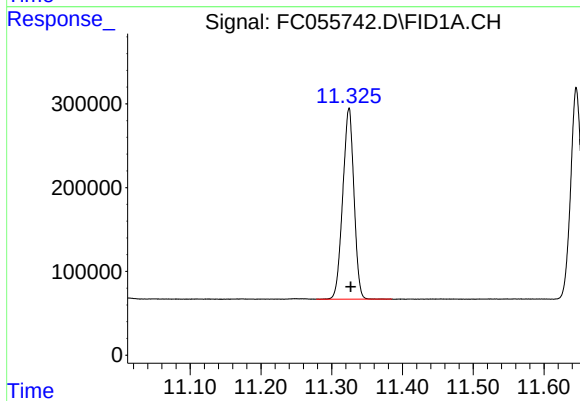
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: -0.002 min
Response: 2401560
Conc: 21.22 ug/ml



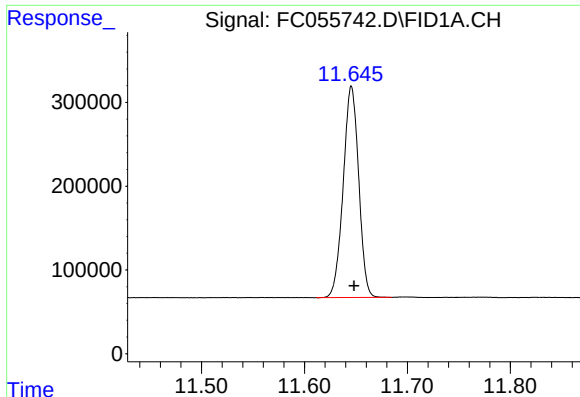
#7 n-Hexadecane (C16)

R.T.: 9.883 min
Delta R.T.: -0.002 min
Response: 2444486
Conc: 21.40 ug/ml



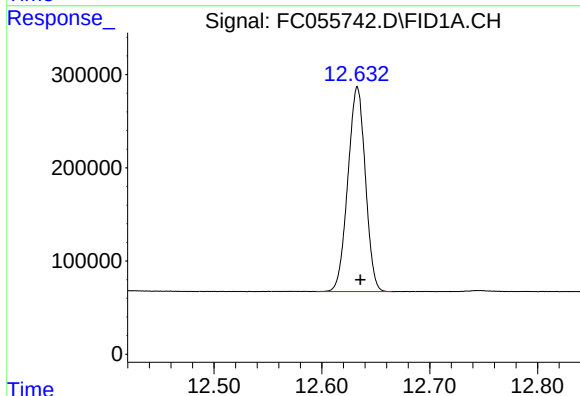
#8 n-Octadecane (C18)

R.T.: 11.324 min
Delta R.T.: -0.003 min
Response: 2510487
Conc: 21.16 ug/ml



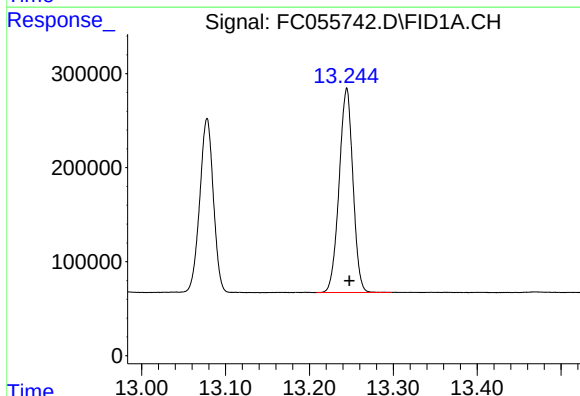
#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: -0.003 min
Response: 2638605
Conc: 20.89 ug/ml



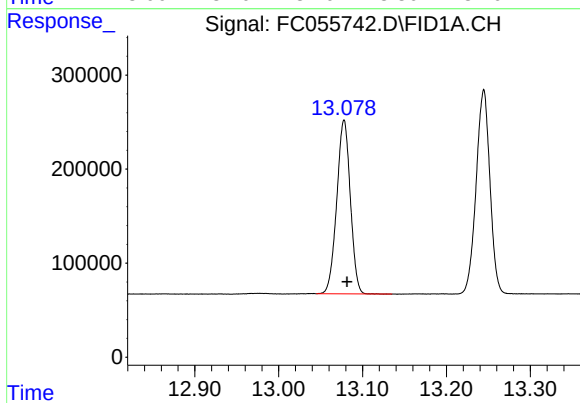
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: -0.003 min
Response: 2474513
Conc: 20.96 ug/ml



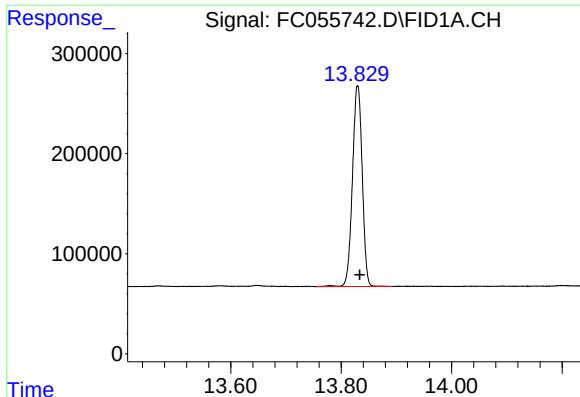
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.003 min
Response: 2485393
Conc: 20.83 ug/ml



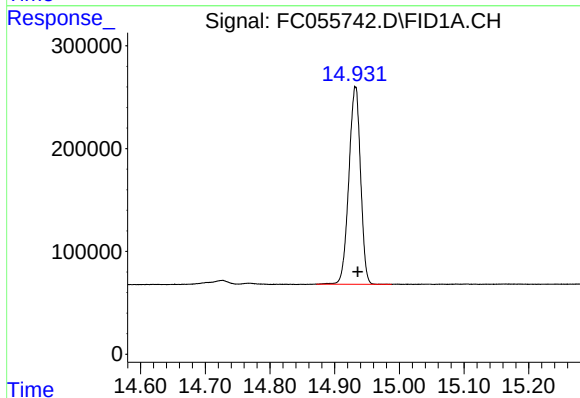
#12 1-chlorooctadecane (SURR)

R.T.: 13.078 min
Delta R.T.: -0.004 min
Response: 2084606
Conc: 21.10 ug/ml



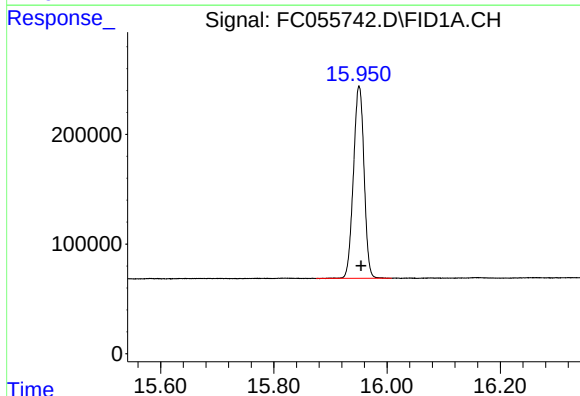
#13 n-Docosane (C22)

R.T.: 13.830 min
Delta R.T.: -0.004 min
Response: 2466082
Conc: 20.82 ug/ml



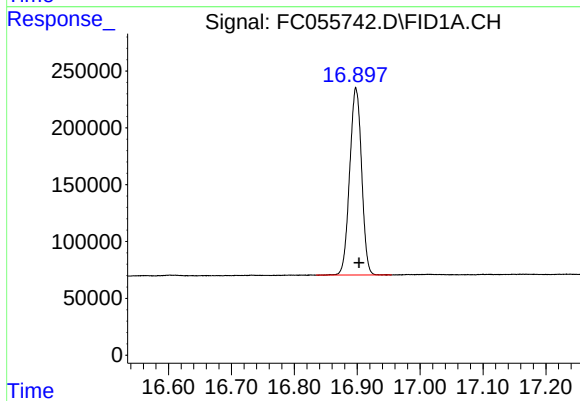
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.004 min
Response: 2416713
Conc: 20.42 ug/ml



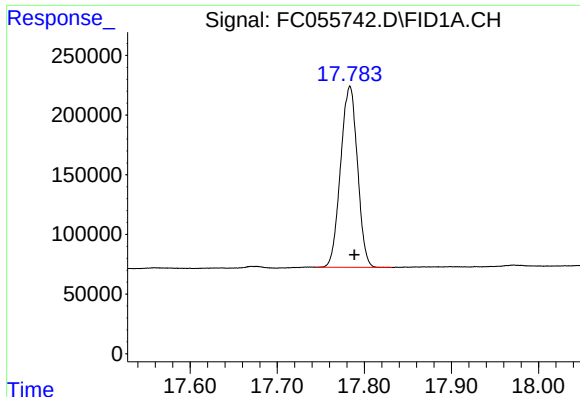
#15 n-Hexacosane (C26)

R.T.: 15.951 min
Delta R.T.: -0.004 min
Response: 2286805
Conc: 20.07 ug/ml



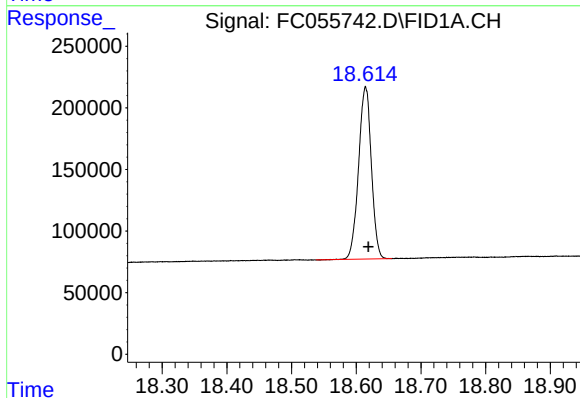
#16 n-Octacosane (C28)

R.T.: 16.898 min
Delta R.T.: -0.005 min
Response: 2168308
Conc: 19.93 ug/ml



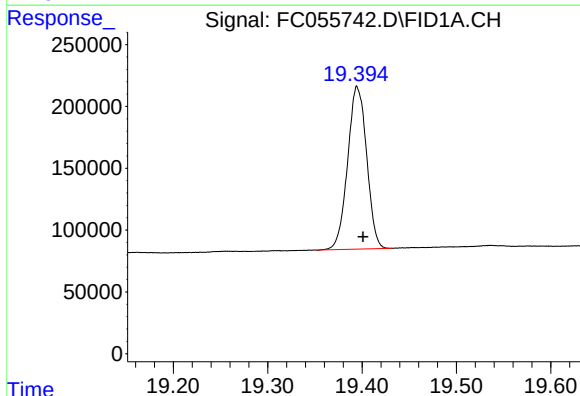
#17 n-Tricontane (C30)

R.T.: 17.783 min
Delta R.T.: -0.005 min
Response: 2043610
Conc: 20.20 ug/ml



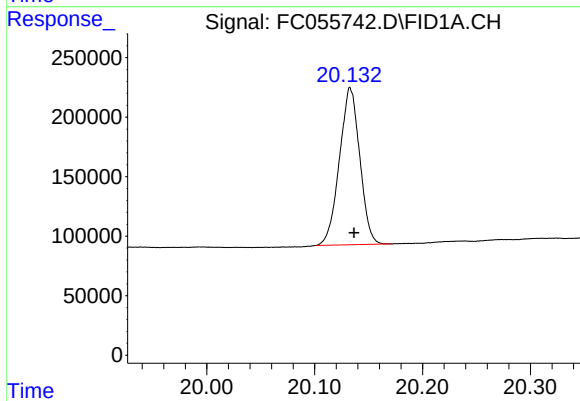
#18 n-Dotriacontane (C32)

R.T.: 18.614 min
Delta R.T.: -0.004 min
Response: 1915930
Conc: 20.97 ug/ml



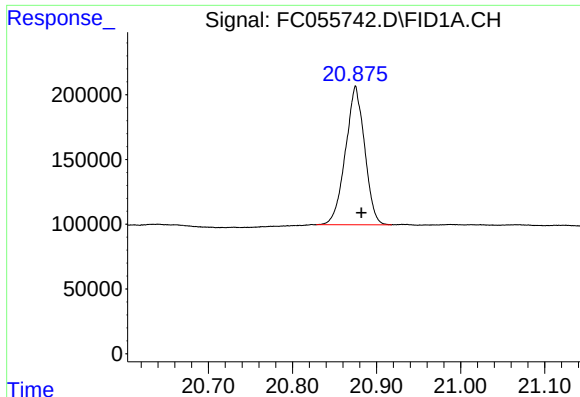
#19 n-Tetratriacontane (C34)

R.T.: 19.395 min
Delta R.T.: -0.006 min
Response: 1842061
Conc: 21.33 ug/ml



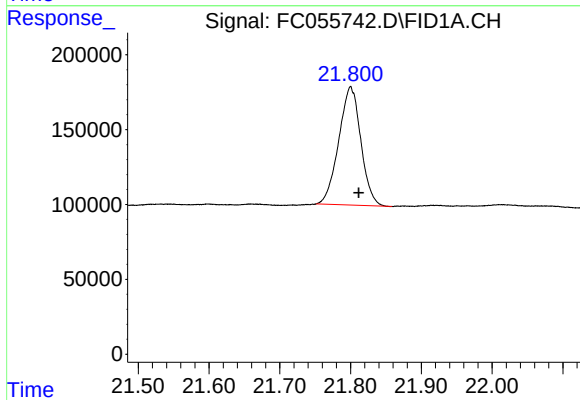
#20 n-Hexatriacontane (C36)

R.T.: 20.133 min
Delta R.T.: -0.004 min
Response: 1728918
Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.875 min
Delta R.T.: -0.007 min
Response: 1694113
Conc: 22.26 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.800 min
Delta R.T.: -0.012 min
Response: 1711411
Conc: 24.43 ug/ml