

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110221AL\
 Data File : FC056600.D
 Signal(s) : FID1A.CH
 Acq On : 03 Nov 2021 1:00
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 03 02:13:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.615	2131610	17.216 ug/ml
Spiked Amount 50.000		Recovery =	34.43%
12) S 1-chlorooctadecane (S...	13.046	1690789	17.571 ug/ml
Spiked Amount 50.000		Recovery =	35.14%
Target Compounds			
1) T n-Nonane (C9)	3.375	2170812	20.057 ug/ml
2) T n-Decane (C10)	4.442	2172895	20.172 ug/ml
3) T A~Naphthalene (C11.7)	6.033	2406229	19.736 ug/ml
4) T n-Dodecane (C12)	6.461	2212044	20.066 ug/ml
5) T A~2-methylnaphthalene...	7.090	2432696	19.865 ug/ml
6) T n-Tetradecane (C14)	8.255	2203562	19.628 ug/ml
7) T n-Hexadecane (C16)	9.854	2195671	19.313 ug/ml
8) T n-Octadecane (C18)	11.294	2179663	18.652 ug/ml
10) T n-Eicosane (C20)	12.601	2091757	18.201 ug/ml
11) T n-Heneicosane (C21)	13.212	2066431	17.981 ug/ml
13) T n-Docosane (C22)	13.796	1999535	17.760 ug/ml
14) T n-Tetracosane (C24)	14.896	1915249	17.379 ug/ml
15) T n-Hexacosane (C26)	15.913	1829005	17.329 ug/ml
16) T n-Octacosane (C28)	16.859	1741873	16.793 ug/ml
17) T n-Tricontane (C30)	17.743	1786122	17.239 ug/ml
18) T n-Dotriacontane (C32)	18.572	1809926	18.891 ug/ml
19) T n-Tetratriacontane (C34)	19.350	1731242	19.738 ug/ml
20) T n-Hexatriacontane (C36)	20.085	2079046	25.400 ug/ml
21) T n-Octatriacontane (C38)	20.820	1745404	21.824 ug/ml
22) T n-Tetracontane (C40)	21.733	1634284	19.836 ug/ml

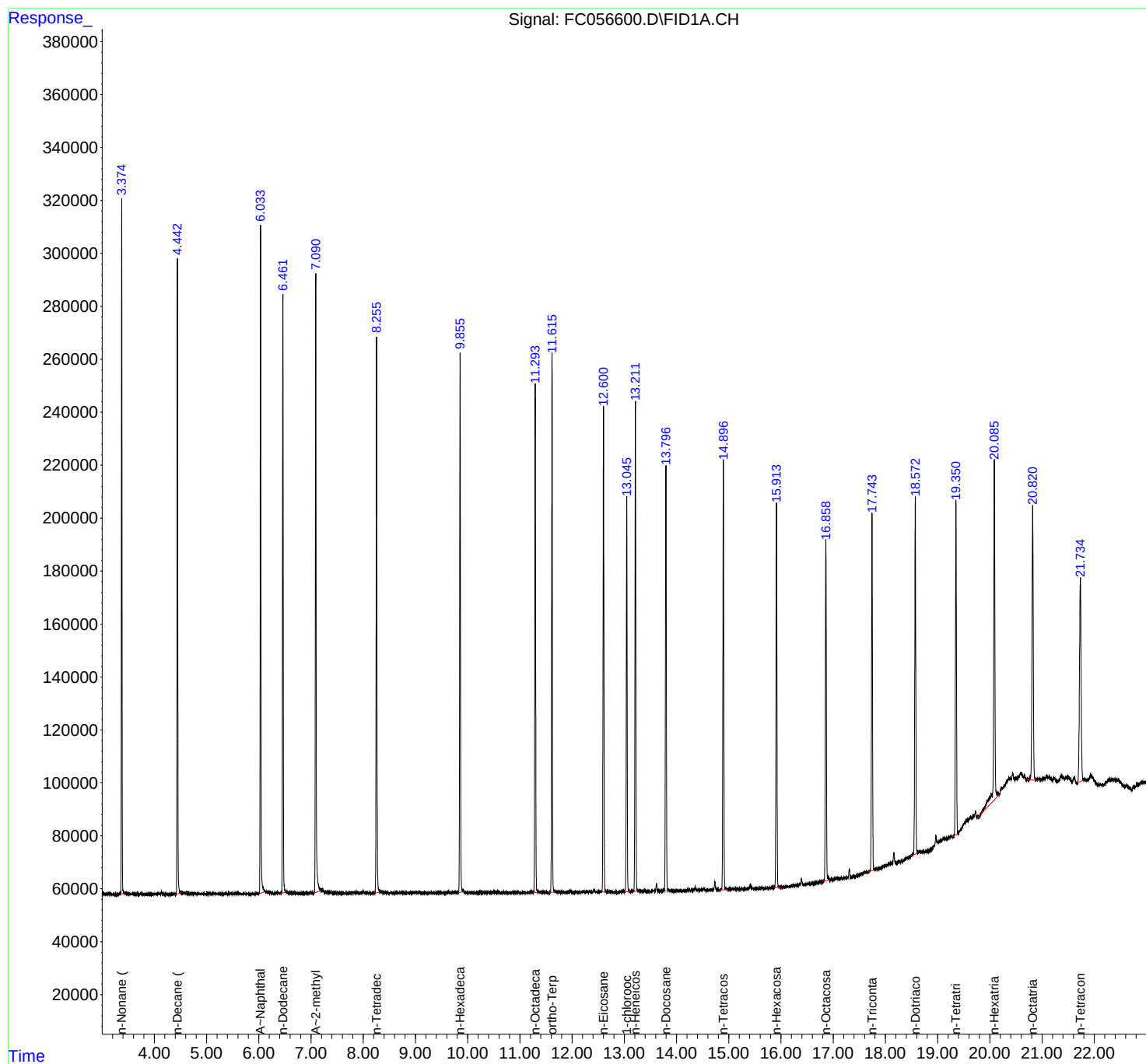
(f)=RT Delta > 1/2 Window

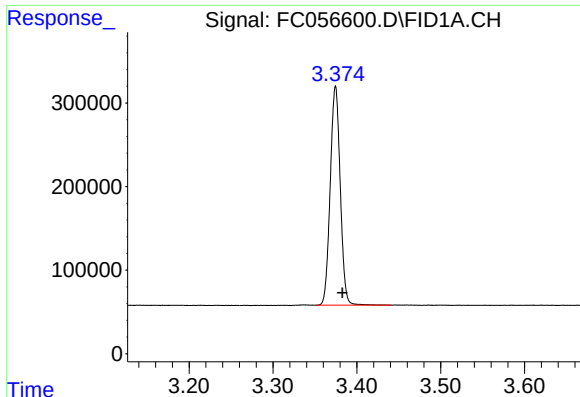
(m)=manual int.

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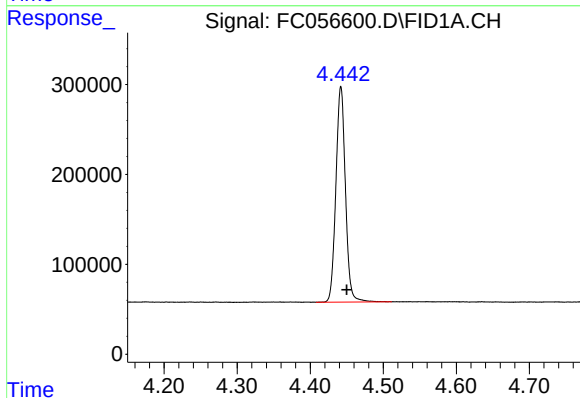
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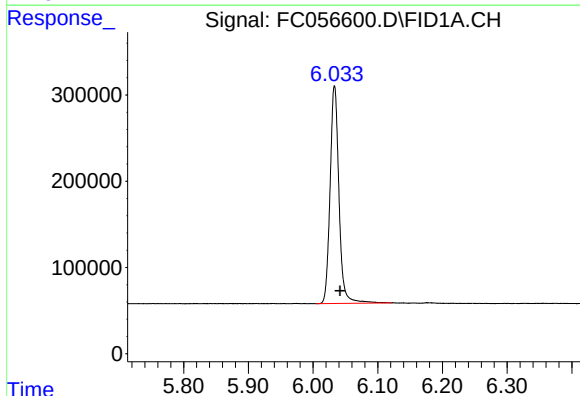
#1 n-Nonane (C9)

R.T.: 3.375 min
Delta R.T.: -0.008 min
Response: 2170812
Conc: 20.06 ug/ml



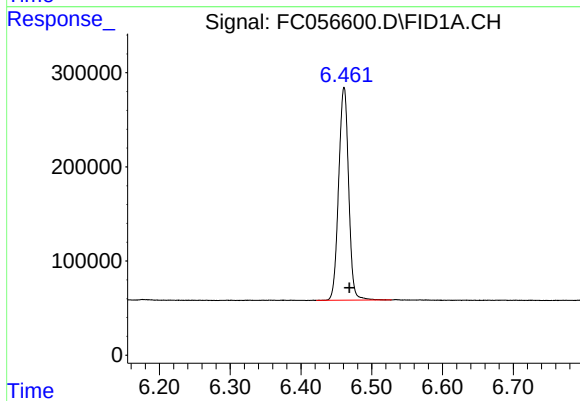
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: -0.008 min
Response: 2172895
Conc: 20.17 ug/ml



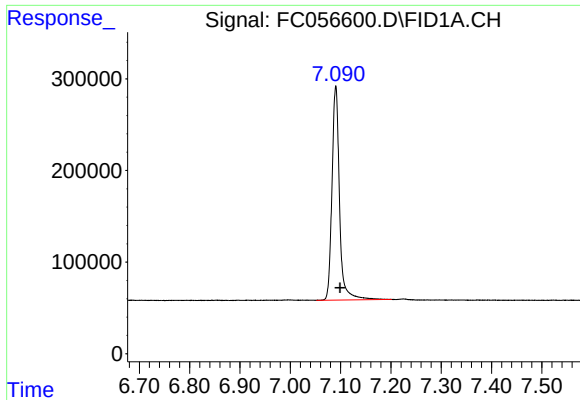
#3 A~Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: -0.009 min
Response: 2406229
Conc: 19.74 ug/ml



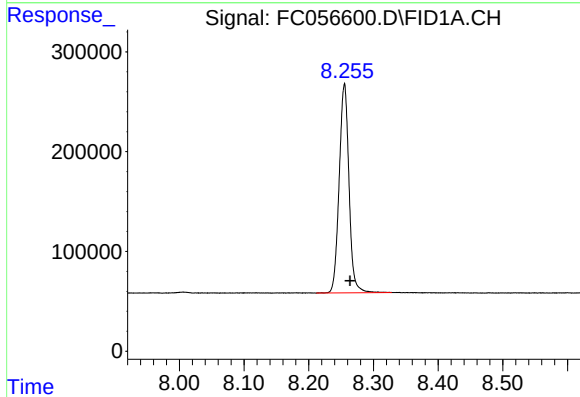
#4 n-Dodecane (C12)

R.T.: 6.461 min
Delta R.T.: -0.008 min
Response: 2212044
Conc: 20.07 ug/ml



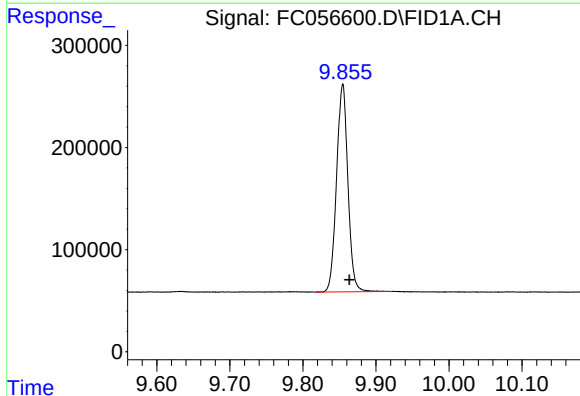
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.008 min
Response: 2432696
Conc: 19.87 ug/ml



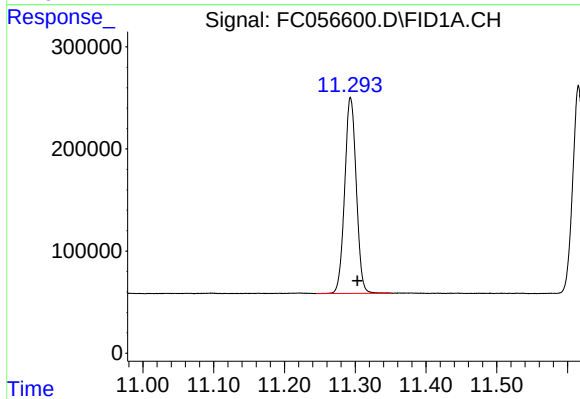
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: -0.009 min
Response: 2203562
Conc: 19.63 ug/ml



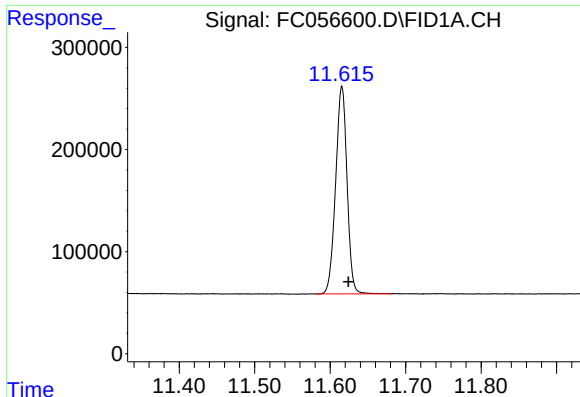
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: -0.009 min
Response: 2195671
Conc: 19.31 ug/ml



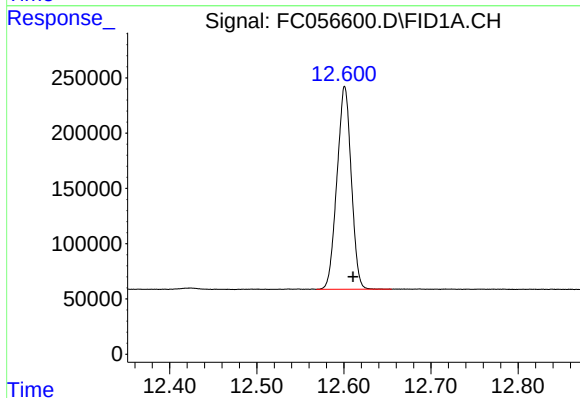
#8 n-Octadecane (C18)

R.T.: 11.294 min
Delta R.T.: -0.010 min
Response: 2179663
Conc: 18.65 ug/ml



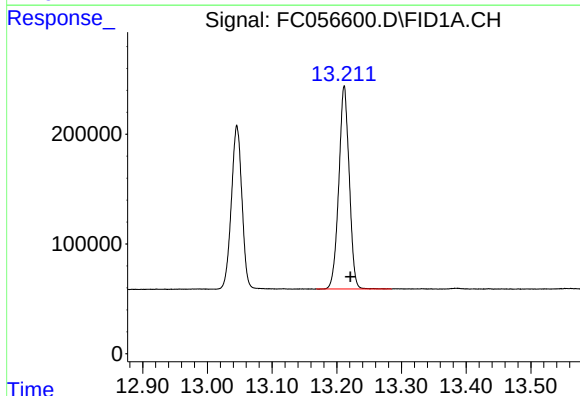
#9 ortho-Terphenyl (SURR)

R.T.: 11.615 min
Delta R.T.: -0.009 min
Response: 2131610
Conc: 17.22 ug/ml



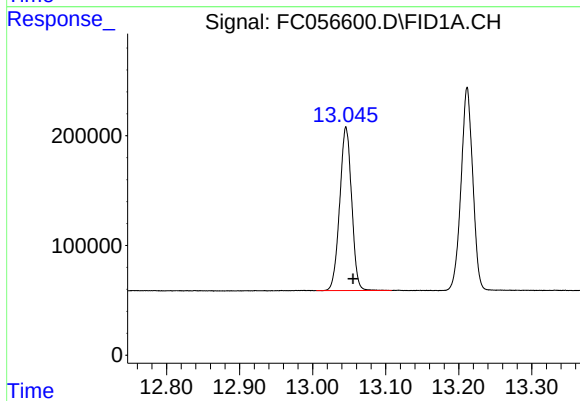
#10 n-Eicosane (C20)

R.T.: 12.601 min
Delta R.T.: -0.009 min
Response: 2091757
Conc: 18.20 ug/ml



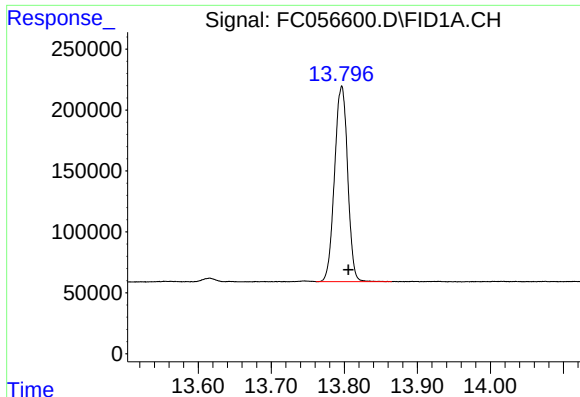
#11 n-Heneicosane (C21)

R.T.: 13.212 min
Delta R.T.: -0.010 min
Response: 2066431
Conc: 17.98 ug/ml



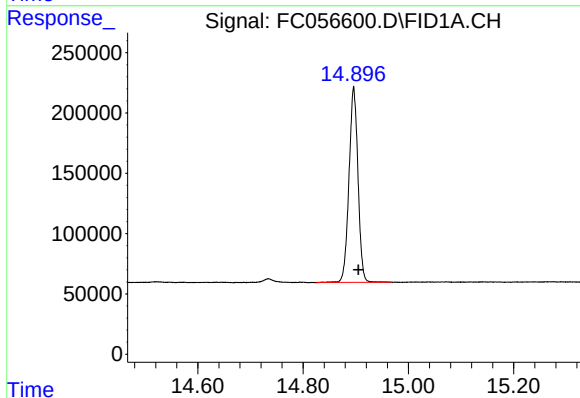
#12 1-chlorooctadecane (SURR)

R.T.: 13.046 min
Delta R.T.: -0.010 min
Response: 1690789
Conc: 17.57 ug/ml



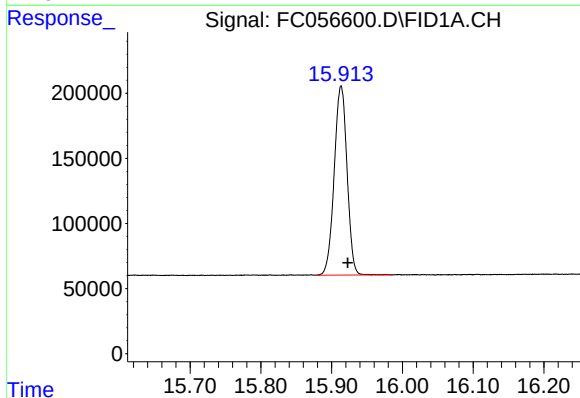
#13 n-Docosane (C22)

R.T.: 13.796 min
Delta R.T.: -0.009 min
Response: 1999535
Conc: 17.76 ug/ml



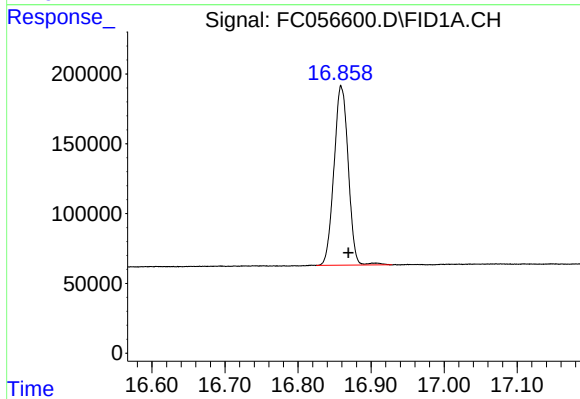
#14 n-Tetracosane (C24)

R.T.: 14.896 min
Delta R.T.: -0.009 min
Response: 1915249
Conc: 17.38 ug/ml



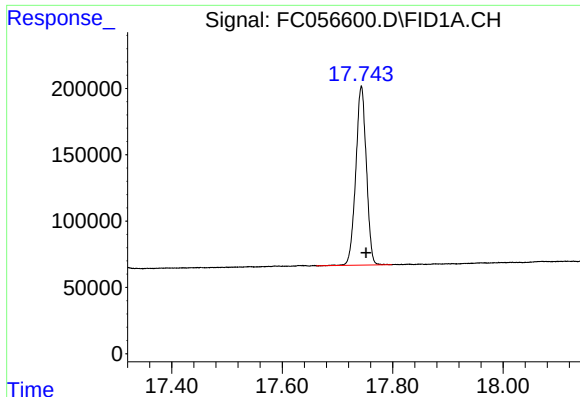
#15 n-Hexacosane (C26)

R.T.: 15.913 min
Delta R.T.: -0.009 min
Response: 1829005
Conc: 17.33 ug/ml



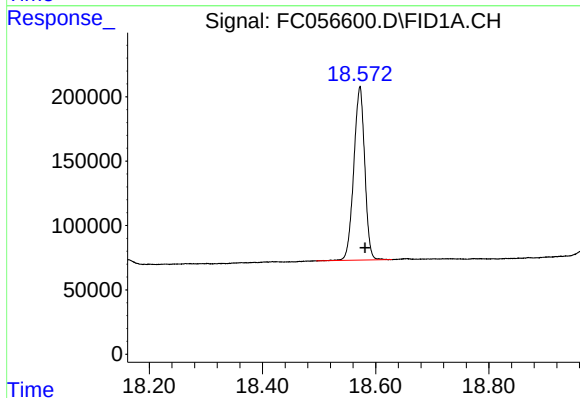
#16 n-Octacosane (C28)

R.T.: 16.859 min
Delta R.T.: -0.009 min
Response: 1741873
Conc: 16.79 ug/ml



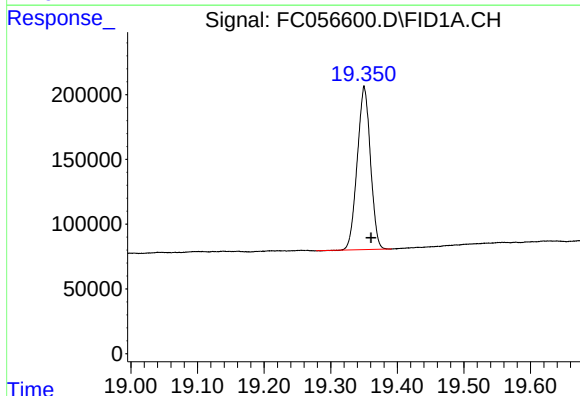
#17 n-Tricontane (C30)

R.T.: 17.743 min
Delta R.T.: -0.009 min
Response: 1786122
Conc: 17.24 ug/ml



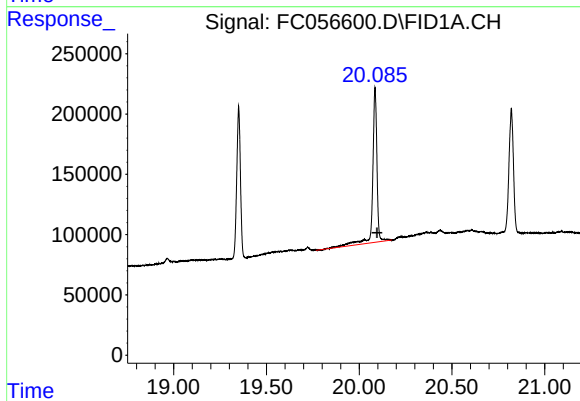
#18 n-Dotriacontane (C32)

R.T.: 18.572 min
Delta R.T.: -0.009 min
Response: 1809926
Conc: 18.89 ug/ml



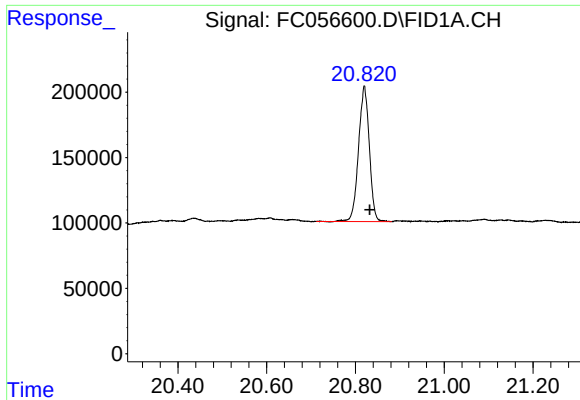
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: -0.010 min
Response: 1731242
Conc: 19.74 ug/ml



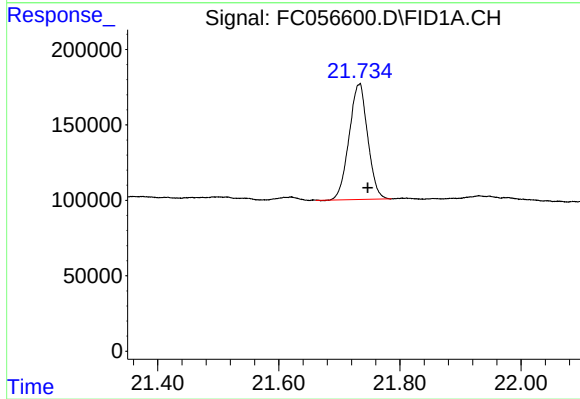
#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.011 min
Response: 2079046
Conc: 25.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.820 min
Delta R.T.: -0.012 min
Response: 1745404
Conc: 21.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.733 min
Delta R.T.: -0.014 min
Response: 1634284
Conc: 19.84 ug/ml