

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111021AL\
 Data File : FC056697.D
 Signal(s) : FID1A.CH
 Acq On : 10 Nov 2021 10:25
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 11 00:39:32 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)	11.612	2435921	19.673 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
12) S 1-chlorooctadecane (S...	13.043	1877479	19.512 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T n-Nonane (C9)	3.373	2437466	22.520 ug/ml
2) T n-Decane (C10)	4.440	2448335	22.729 ug/ml
3) T A~Naphthalene (C11.7)	6.030	2703357	22.173 ug/ml
4) T n-Dodecane (C12)	6.457	2465960	22.369 ug/ml
5) T A~2-methylnaphthalene...	7.087	2687534	21.946 ug/ml
6) T n-Tetradecane (C14)	8.251	2448133	21.806 ug/ml
7) T n-Hexadecane (C16)	9.851	2422105	21.305 ug/ml
8) T n-Octadecane (C18)	11.291	2414952	20.666 ug/ml
10) T n-Eicosane (C20)	12.598	2304754	20.054 ug/ml
11) T n-Heneicosane (C21)	13.209	2271190	19.763 ug/ml
13) T n-Docosane (C22)	13.794	2200348	19.544 ug/ml
14) T n-Tetracosane (C24)	14.893	2123191	19.266 ug/ml
15) T n-Hexacosane (C26)	15.910	2015564	19.097 ug/ml
16) T n-Octacosane (C28)	16.857	1986426	19.150 ug/ml
17) T n-Tricontane (C30)	17.739	1961010	18.927 ug/ml
18) T n-Dotriacontane (C32)	18.569	1945940	20.311 ug/ml
19) T n-Tetratriacontane (C34)	19.349	1964380	22.397 ug/ml
20) T n-Hexatriacontane (C36)	20.084	1978228	24.168 ug/ml
21) T n-Octatriacontane (C38)	20.817	1913096	23.921 ug/ml
22) T n-Tetracontane (C40)	21.729	1955462	23.734 ug/ml

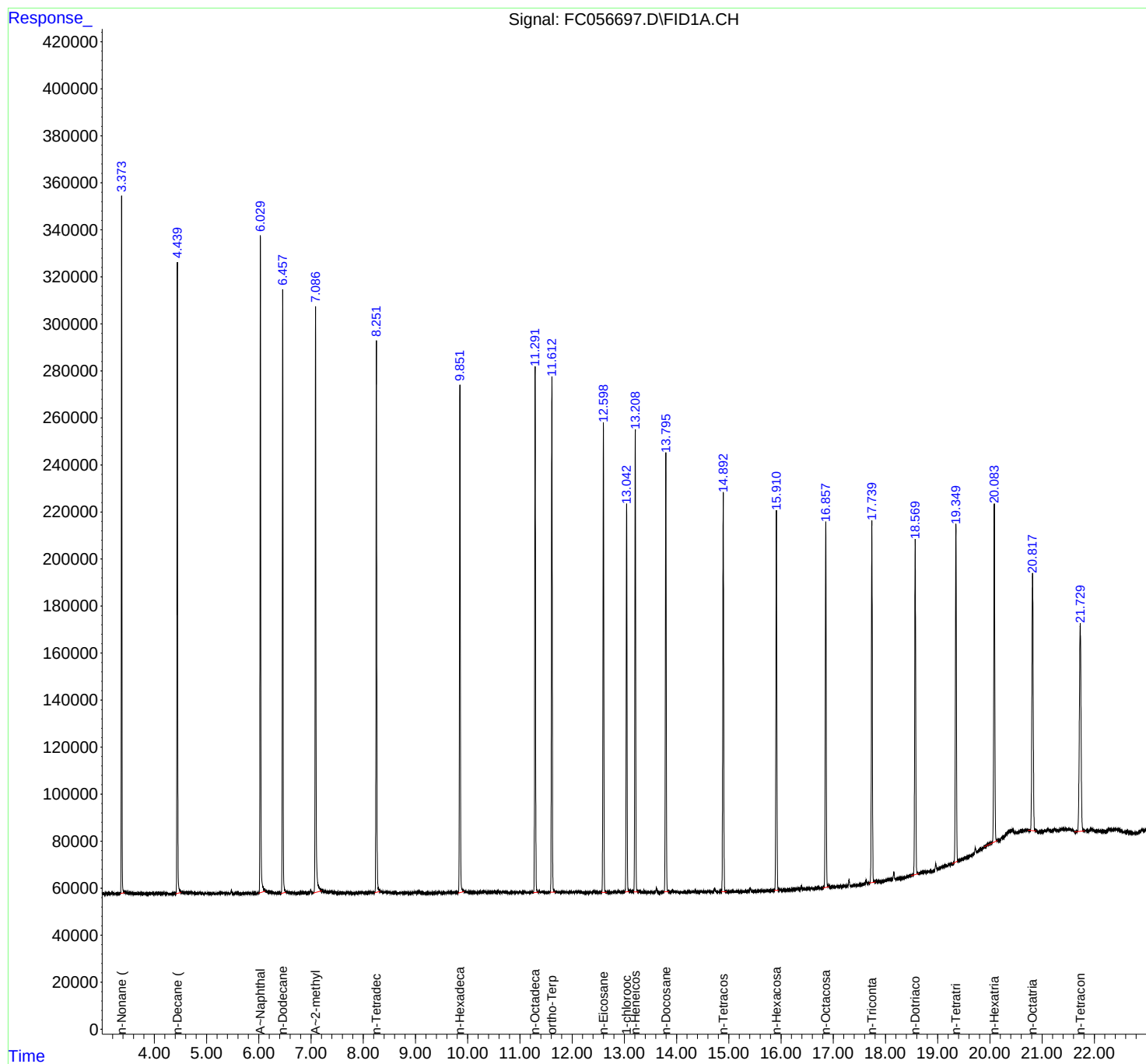
(f)=RT Delta > 1/2 Window

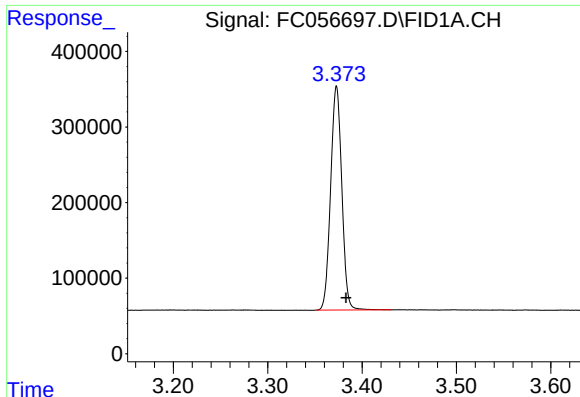
(m)=manual int.

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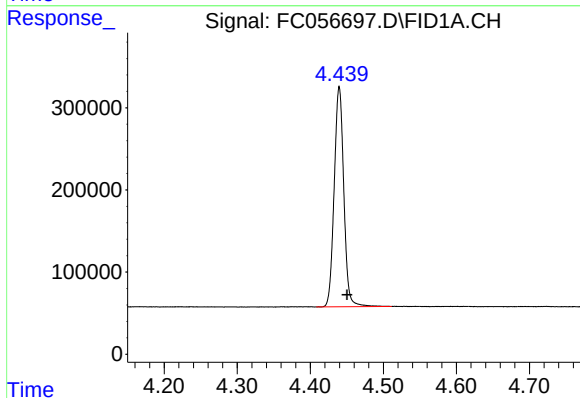
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





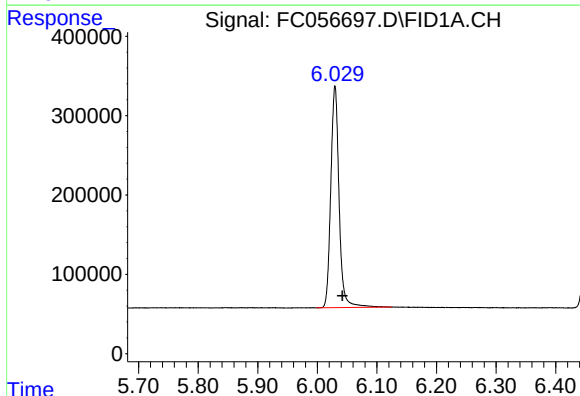
#1 n-Nonane (C9)

R.T.: 3.373 min
Delta R.T.: -0.010 min
Response: 2437466
Conc: 22.52 ug/ml



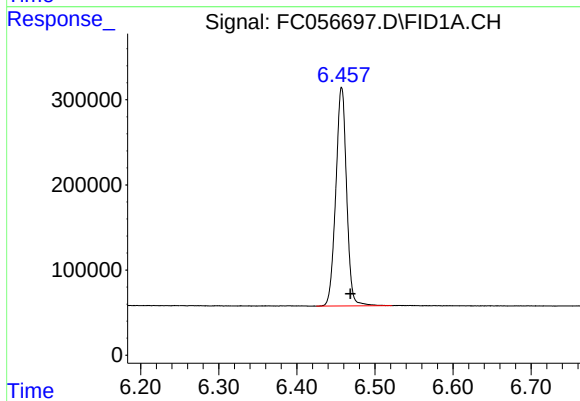
#2 n-Decane (C10)

R.T.: 4.440 min
Delta R.T.: -0.011 min
Response: 2448335
Conc: 22.73 ug/ml



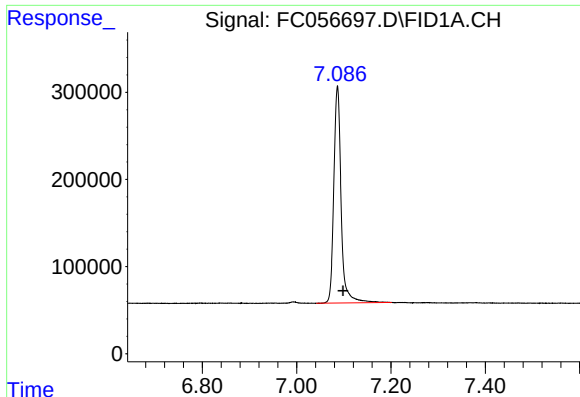
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.012 min
Response: 2703357
Conc: 22.17 ug/ml



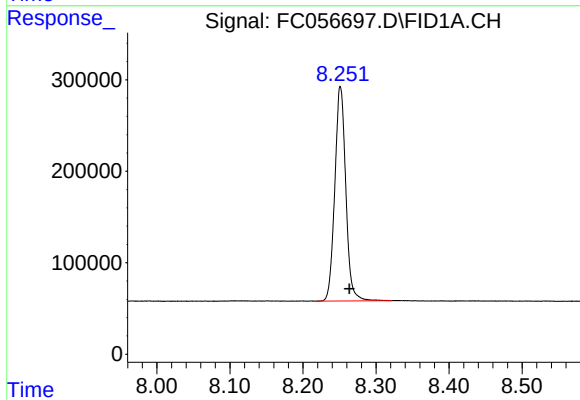
#4 n-Dodecane (C12)

R.T.: 6.457 min
Delta R.T.: -0.011 min
Response: 2465960
Conc: 22.37 ug/ml



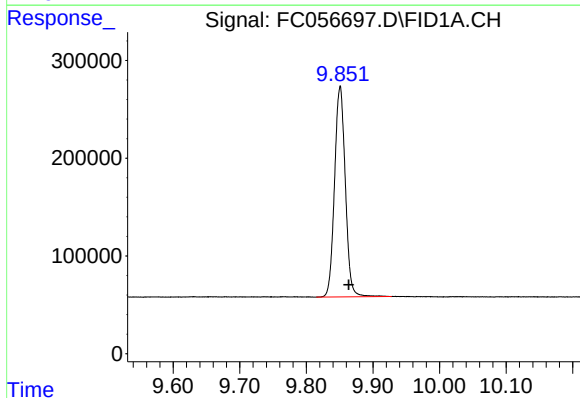
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.087 min
Delta R.T.: -0.012 min
Response: 2687534
Conc: 21.95 ug/ml



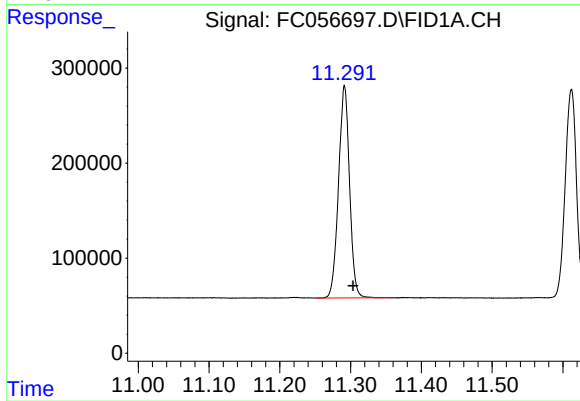
#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: -0.012 min
Response: 2448133
Conc: 21.81 ug/ml



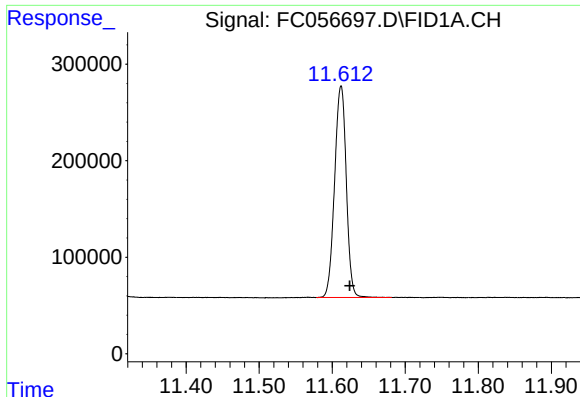
#7 n-Hexadecane (C16)

R.T.: 9.851 min
Delta R.T.: -0.013 min
Response: 2422105
Conc: 21.30 ug/ml



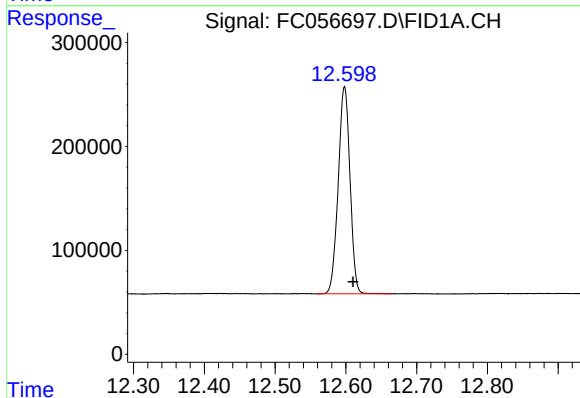
#8 n-Octadecane (C18)

R.T.: 11.291 min
Delta R.T.: -0.012 min
Response: 2414952
Conc: 20.67 ug/ml



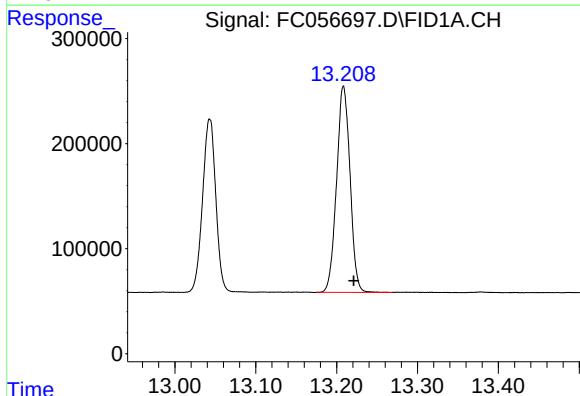
#9 ortho-Terphenyl (SURR)

R.T.: 11.612 min
Delta R.T.: -0.012 min
Response: 2435921
Conc: 19.67 ug/ml



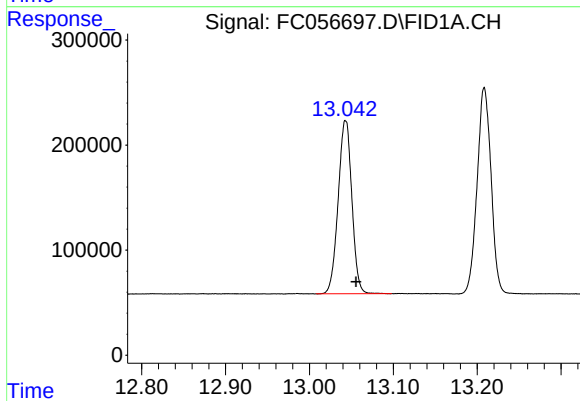
#10 n-Eicosane (C20)

R.T.: 12.598 min
Delta R.T.: -0.012 min
Response: 2304754
Conc: 20.05 ug/ml



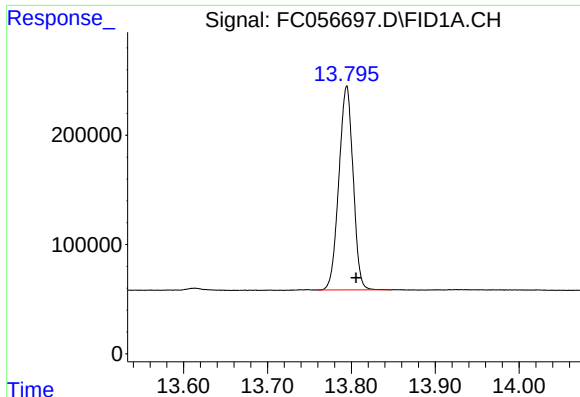
#11 n-Heneicosane (C21)

R.T.: 13.209 min
Delta R.T.: -0.013 min
Response: 2271190
Conc: 19.76 ug/ml



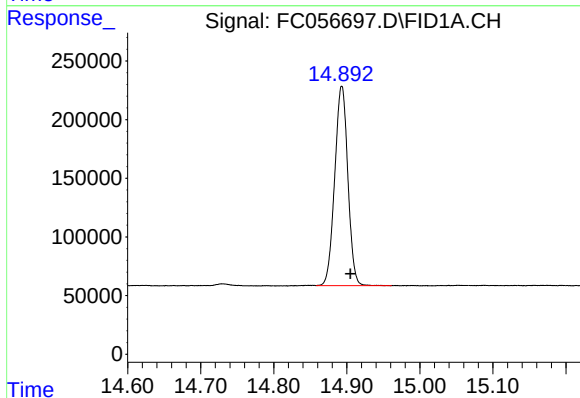
#12 1-chlorooctadecane (SURR)

R.T.: 13.043 min
Delta R.T.: -0.013 min
Response: 1877479
Conc: 19.51 ug/ml



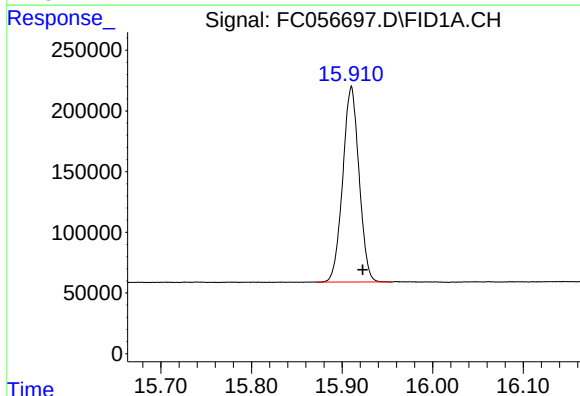
#13 n-Docosane (C22)

R.T.: 13.794 min
Delta R.T.: -0.011 min
Response: 2200348
Conc: 19.54 ug/ml



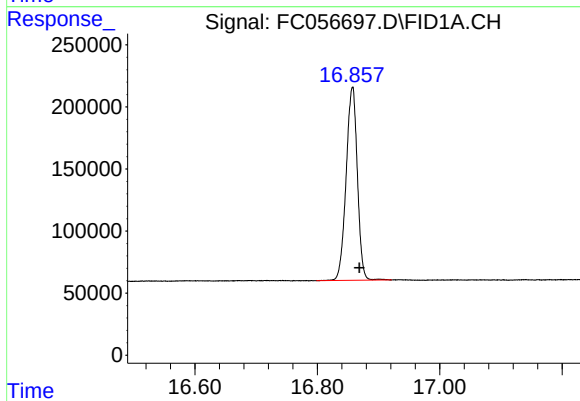
#14 n-Tetracosane (C24)

R.T.: 14.893 min
Delta R.T.: -0.012 min
Response: 2123191
Conc: 19.27 ug/ml



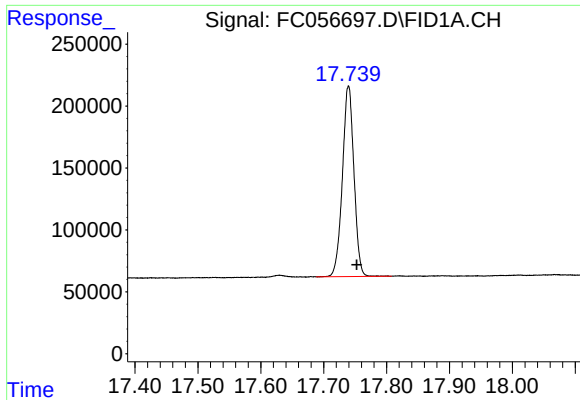
#15 n-Hexacosane (C26)

R.T.: 15.910 min
Delta R.T.: -0.013 min
Response: 2015564
Conc: 19.10 ug/ml



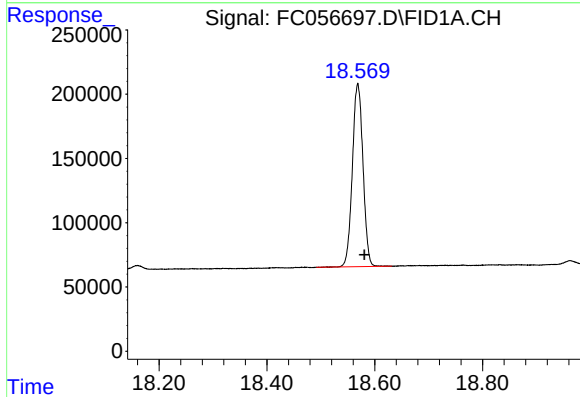
#16 n-Octacosane (C28)

R.T.: 16.857 min
Delta R.T.: -0.012 min
Response: 1986426
Conc: 19.15 ug/ml



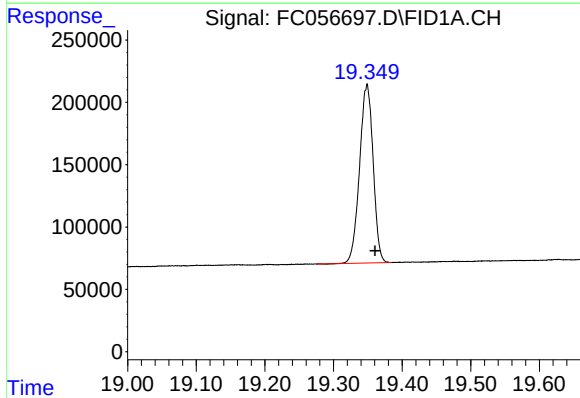
#17 n-Tricontane (C30)

R.T.: 17.739 min
Delta R.T.: -0.013 min
Response: 1961010
Conc: 18.93 ug/ml



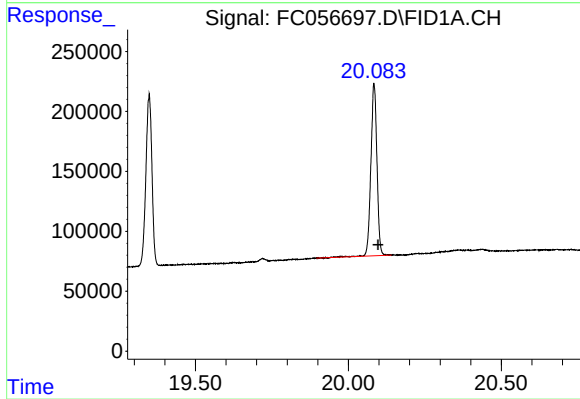
#18 n-Dotriacontane (C32)

R.T.: 18.569 min
Delta R.T.: -0.012 min
Response: 1945940
Conc: 20.31 ug/ml



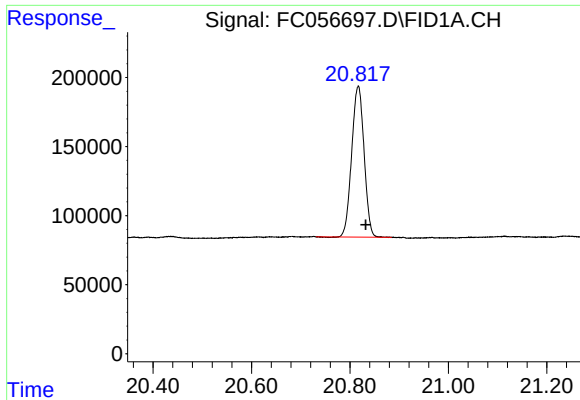
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.012 min
Response: 1964380
Conc: 22.40 ug/ml



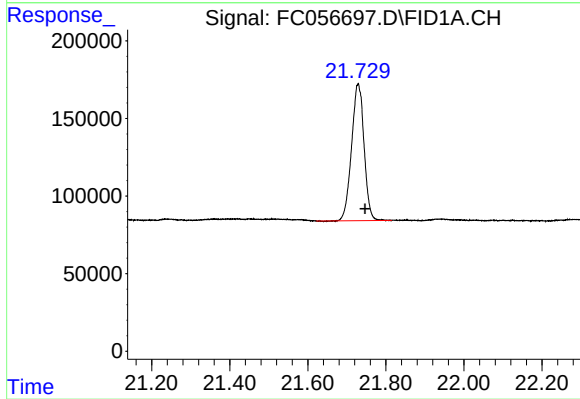
#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: -0.013 min
Response: 1978228
Conc: 24.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.817 min
Delta R.T.: -0.015 min
Response: 1913096
Conc: 23.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.729 min
Delta R.T.: -0.018 min
Response: 1955462
Conc: 23.73 ug/ml