

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051921AL\
 Data File : FC053839.D
 Signal(s) : FID1A.CH
 Acq On : 20 May 2021 7:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 20 08:05:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.529	2536929	18.324 ug/ml
Spiked Amount 50.000		Recovery =	36.65%
12) S 1-chlorooctadecane (S...	12.969	1978933	17.743 ug/ml
Spiked Amount 50.000		Recovery =	35.49%
Target Compounds			
1) T n-Nonane (C9)	3.291	2434362	20.610 ug/ml
2) T n-Decane (C10)	4.356	2485799	20.992 ug/ml
3) T A~Naphthalene (C11.7)	5.940	2701555	20.733 ug/ml
4) T n-Dodecane (C12)	6.374	2533091	20.934 ug/ml
5) T A~2-methylnaphthalene...	6.998	2747158	20.779 ug/ml
6) T n-Tetradecane (C14)	8.170	2532072	20.786 ug/ml
7) T n-Hexadecane (C16)	9.772	2465858	20.133 ug/ml
8) T n-Octadecane (C18)	11.215	2519018	19.342 ug/ml
10) T n-Eicosane (C20)	12.525	2446102	18.480 ug/ml
11) T n-Heneicosane (C21)	13.137	2395262	18.035 ug/ml
13) T n-Docosane (C22)	13.723	2366134	17.789 ug/ml
14) T n-Tetracosane (C24)	14.826	2316054	17.351 ug/ml
15) T n-Hexacosane (C26)	15.849	2219803	16.790 ug/ml
16) T n-Octacosane (C28)	16.799	2204656	16.842 ug/ml
17) T n-Tricontane (C30)	17.688	2224909	17.058 ug/ml
18) T n-Dotriacontane (C32)	18.521	2188238	17.342 ug/ml
19) T n-Tetratriacontane (C34)	19.305	2128749	17.472 ug/mlm
20) T n-Hexatriacontane (C36)	20.045	2038540	17.436 ug/mlm
21) T n-Octatriacontane (C38)	20.775	1932452	18.785 ug/ml
22) T n-Tetracontane (C40)	21.668	1932080	19.390 ug/ml

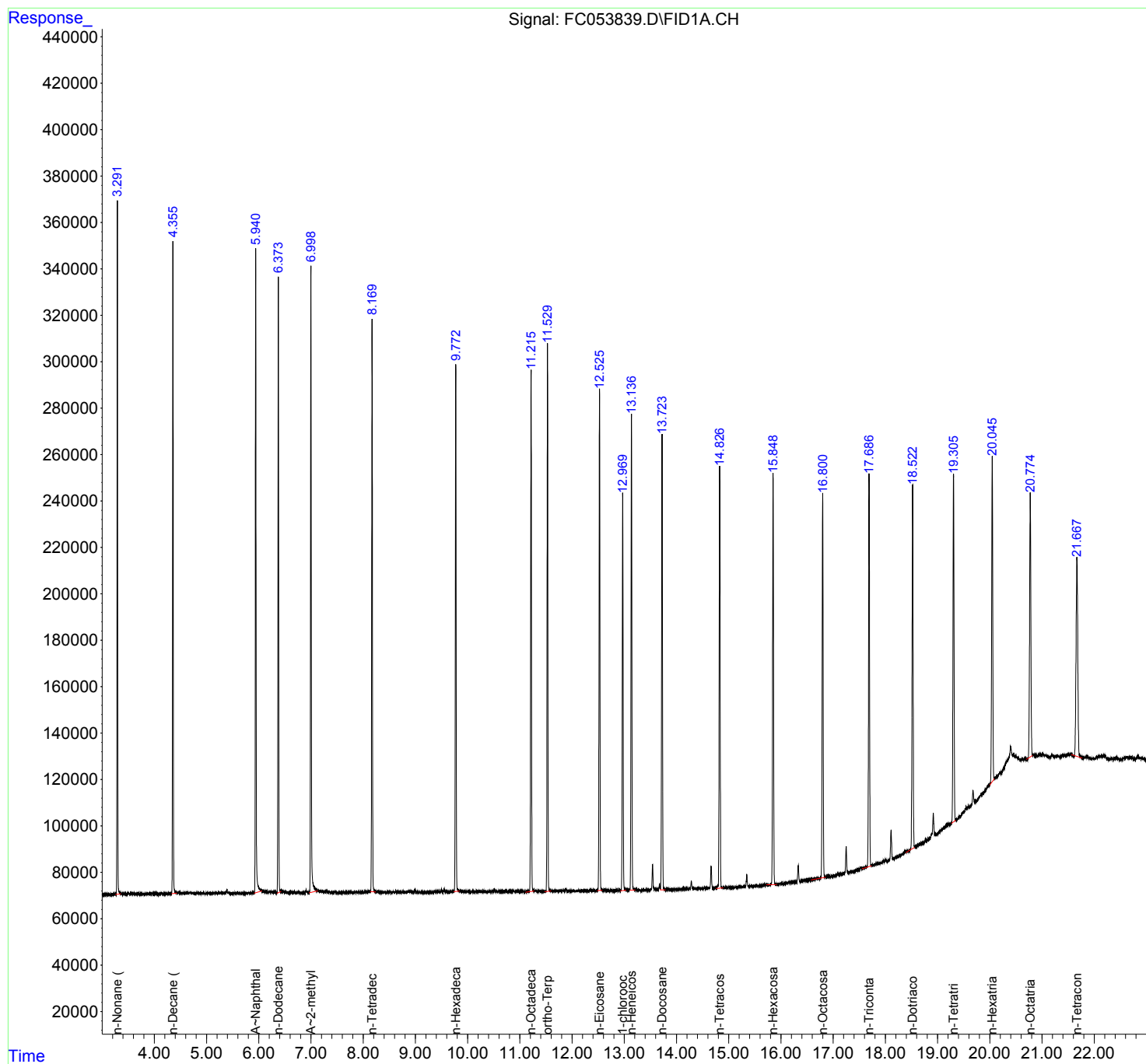
(f)=RT Delta > 1/2 Window

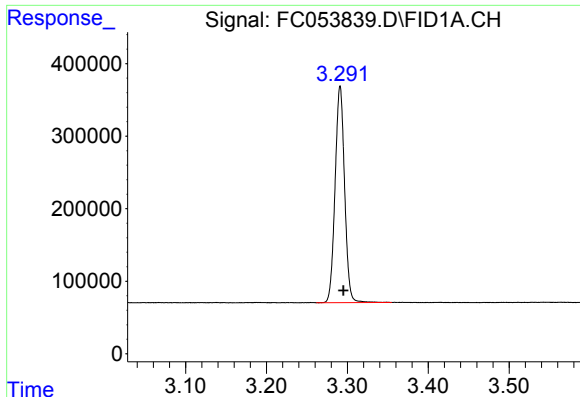
(m)=manual int.

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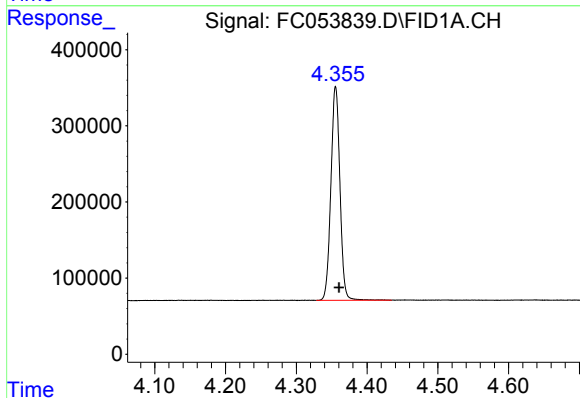
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





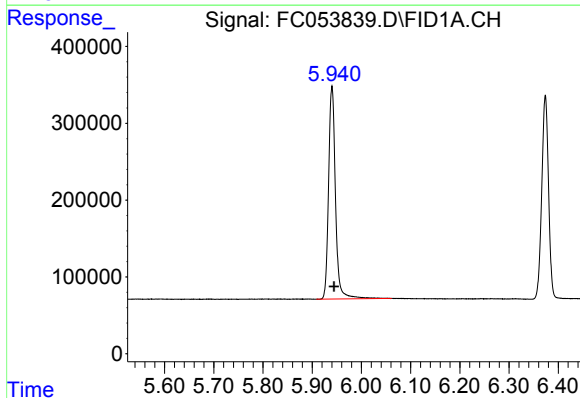
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.004 min
Response: 2434362
Conc: 20.61 ug/ml



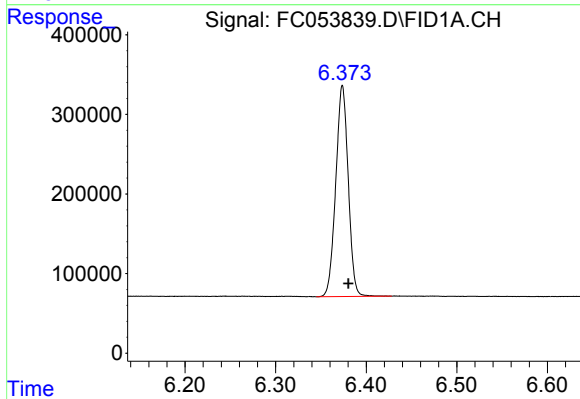
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: -0.005 min
Response: 2485799
Conc: 20.99 ug/ml



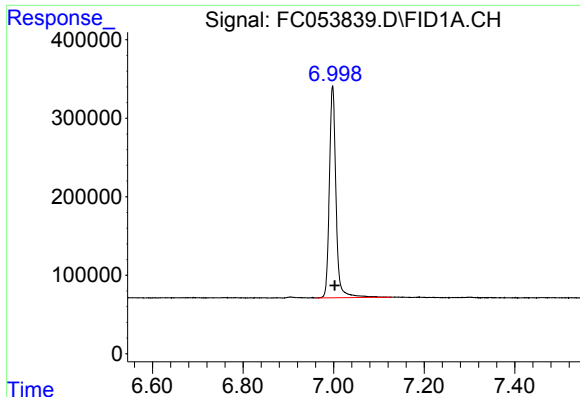
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 2701555
Conc: 20.73 ug/ml



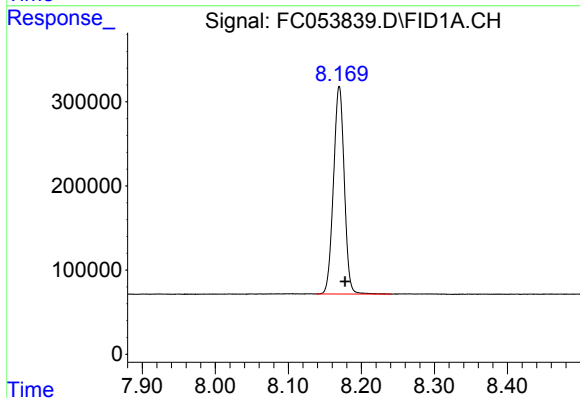
#4 n-Dodecane (C12)

R.T.: 6.374 min
Delta R.T.: -0.006 min
Response: 2533091
Conc: 20.93 ug/ml



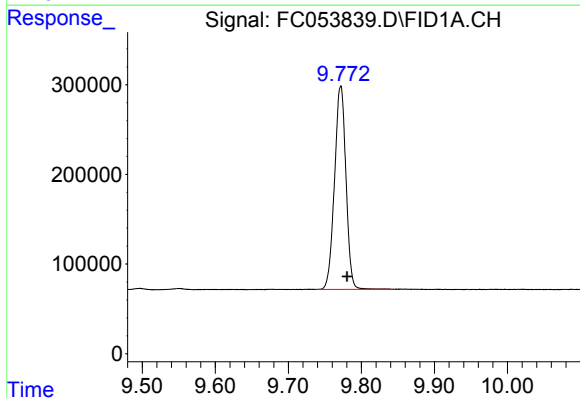
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.005 min
Response: 2747158
Conc: 20.78 ug/ml



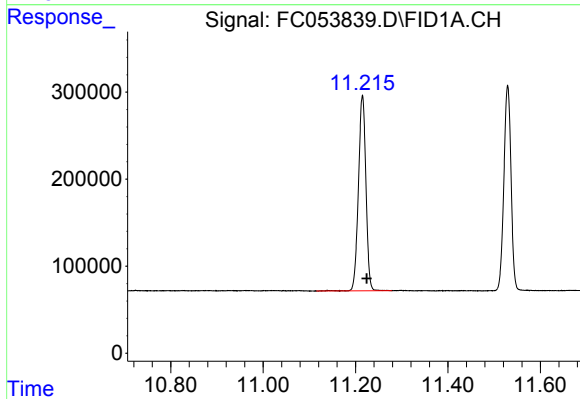
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.008 min
Response: 2532072
Conc: 20.79 ug/ml



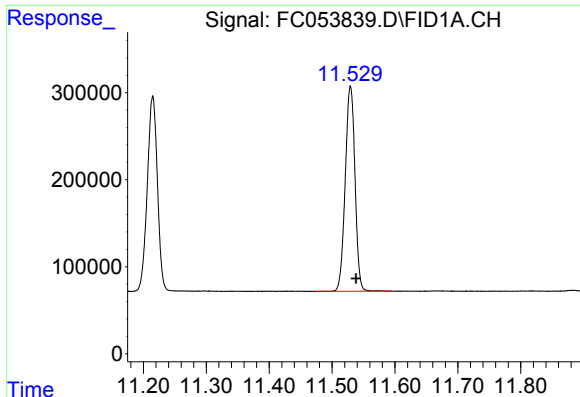
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.009 min
Response: 2465858
Conc: 20.13 ug/ml



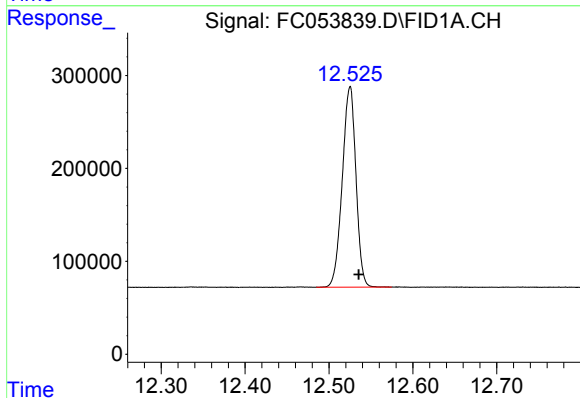
#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: -0.009 min
Response: 2519018
Conc: 19.34 ug/ml



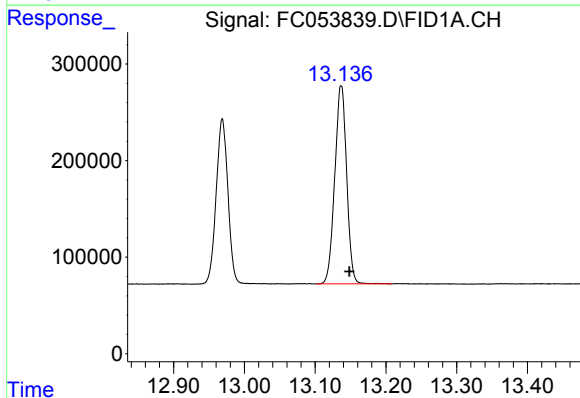
#9 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: -0.009 min
Response: 2536929
Conc: 18.32 ug/ml



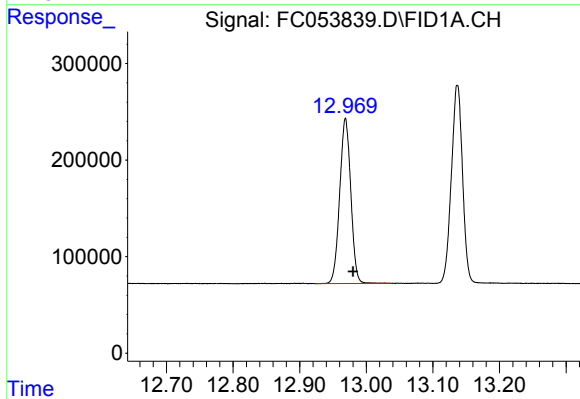
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.011 min
Response: 2446102
Conc: 18.48 ug/ml



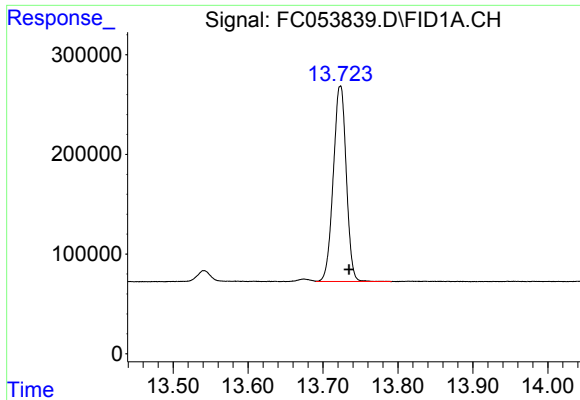
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.012 min
Response: 2395262
Conc: 18.04 ug/ml



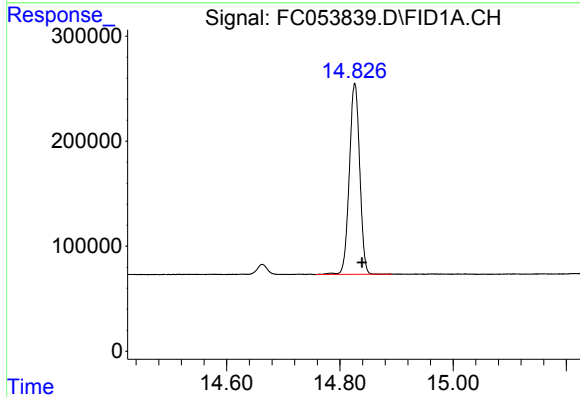
#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: -0.012 min
Response: 1978933
Conc: 17.74 ug/ml



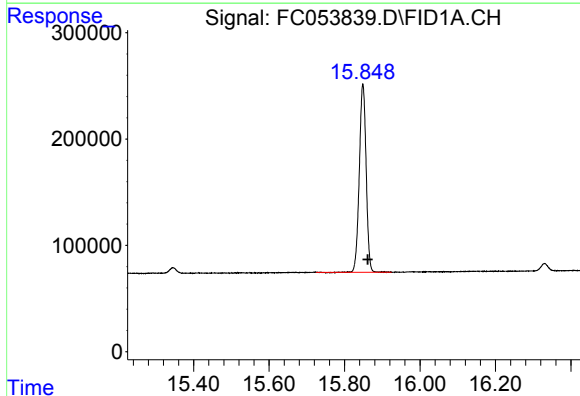
#13 n-Docosane (C22)

R.T.: 13.723 min
Delta R.T.: -0.012 min
Response: 2366134
Conc: 17.79 ug/ml



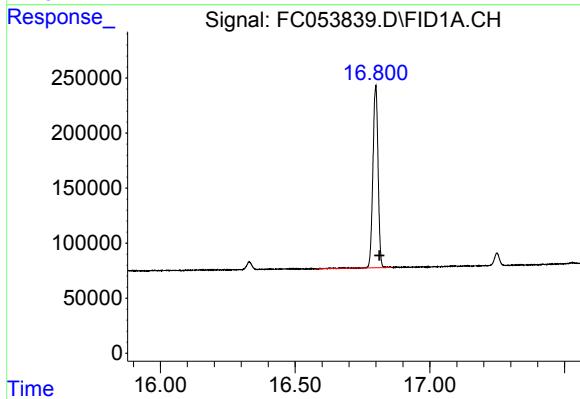
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: -0.013 min
Response: 2316054
Conc: 17.35 ug/ml



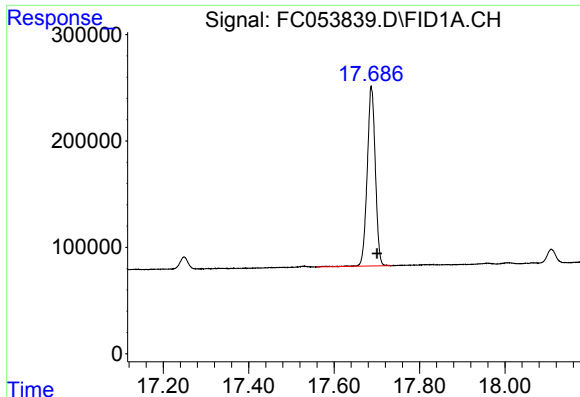
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.013 min
Response: 2219803
Conc: 16.79 ug/ml



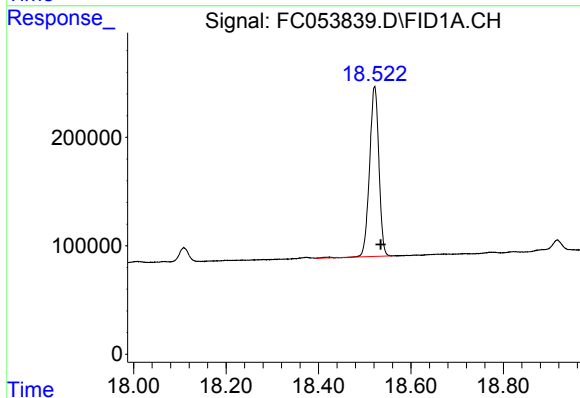
#16 n-Octacosane (C28)

R.T.: 16.799 min
Delta R.T.: -0.014 min
Response: 2204656
Conc: 16.84 ug/ml



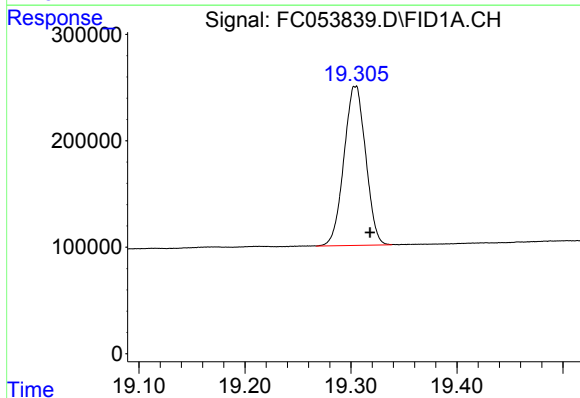
#17 n-Tricontane (C30)

R.T.: 17.688 min
Delta R.T.: -0.014 min
Response: 2224909
Conc: 17.06 ug/ml



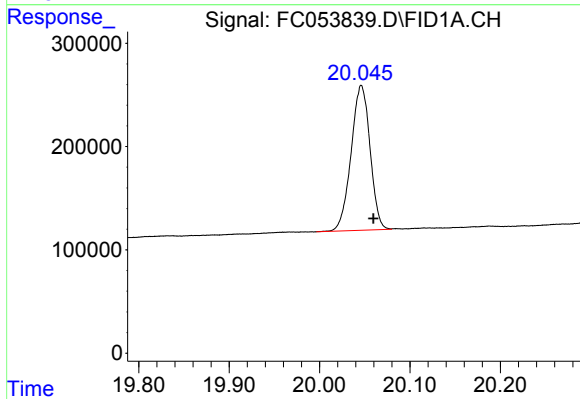
#18 n-Dotriacontane (C32)

R.T.: 18.521 min
Delta R.T.: -0.013 min
Response: 2188238
Conc: 17.34 ug/ml



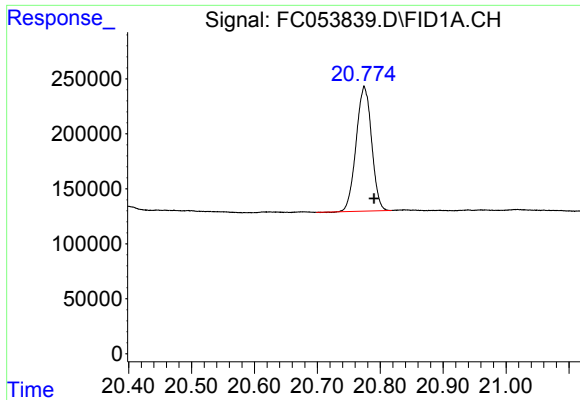
#19 n-Tetratriacontane (C34)

R.T.: 19.305 min
Delta R.T.: -0.013 min
Response: 2128749
Conc: 17.47 ug/ml m



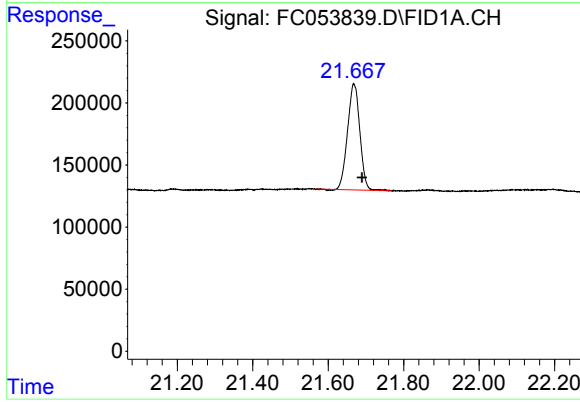
#20 n-Hexatriacontane (C36)

R.T.: 20.045 min
Delta R.T.: -0.014 min
Response: 2038540
Conc: 17.44 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.775 min
Delta R.T.: -0.015 min
Response: 1932452
Conc: 18.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.668 min
Delta R.T.: -0.022 min
Response: 1932080
Conc: 19.39 ug/ml