

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052621AL\
 Data File : FC053943.D
 Signal(s) : FID1A.CH
 Acq On : 26 May 2021 12:24
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 27 01:03:19 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)	11.521	2491504	17.996 ug/ml
Spiked Amount 50.000		Recovery =	35.99%
12) S 1-chlorooctadecane (S...	12.963	1943717	17.427 ug/ml
Spiked Amount 50.000		Recovery =	34.85%
Target Compounds			
1) T n-Nonane (C9)	3.284	2415064	20.447 ug/ml
2) T n-Decane (C10)	4.348	2461748	20.789 ug/ml
3) T A~Naphthalene (C11.7)	5.931	2682610	20.588 ug/ml
4) T n-Dodecane (C12)	6.365	2523979	20.859 ug/ml
5) T A~2-methylnaphthalene...	6.989	2695307	20.386 ug/ml
6) T n-Tetradecane (C14)	8.162	2519389	20.682 ug/ml
7) T n-Hexadecane (C16)	9.764	2455262	20.047 ug/ml
8) T n-Octadecane (C18)	11.207	2490864	19.126 ug/ml
10) T n-Eicosane (C20)	12.518	2416686	18.258 ug/ml
11) T n-Heneicosane (C21)	13.130	2350927	17.701 ug/ml
13) T n-Docosane (C22)	13.718	2331621	17.529 ug/ml
14) T n-Tetracosane (C24)	14.821	2270409	17.009 ug/ml
15) T n-Hexacosane (C26)	15.843	2169466	16.409 ug/ml
16) T n-Octacosane (C28)	16.795	2140322	16.350 ug/ml
17) T n-Tricontane (C30)	17.683	2125703	16.298 ug/ml
18) T n-Dotriacontane (C32)	18.515	2118601	16.790 ug/mlm
19) T n-Tetratriacontane (C34)	19.300	2078438	17.059 ug/mlm
20) T n-Hexatriacontane (C36)	20.040	2034704	17.403 ug/mlm
21) T n-Octatriacontane (C38)	20.770	1910125	18.568 ug/ml
22) T n-Tetracontane (C40)	21.664	1976592	19.836 ug/mlm

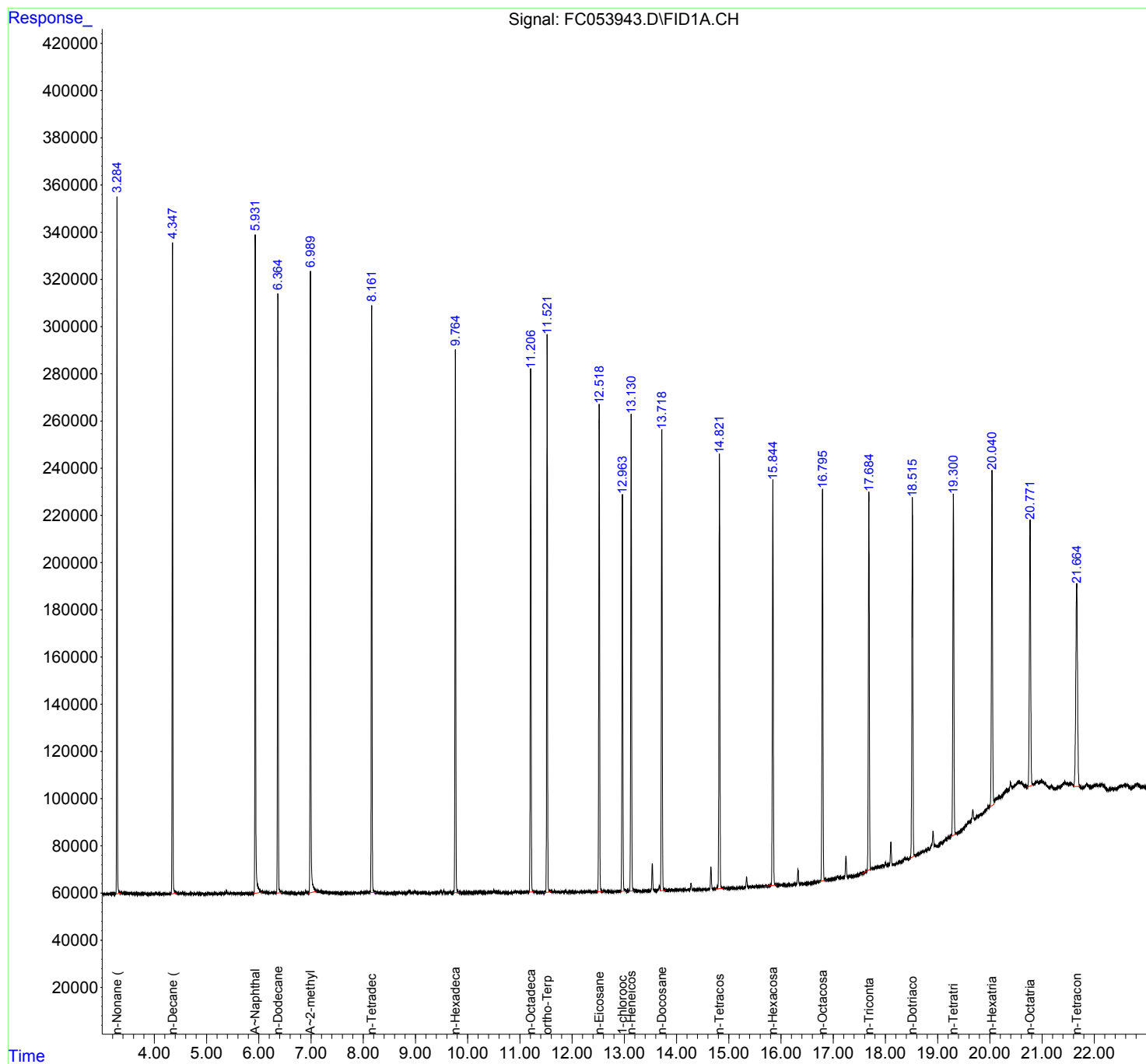
(f)=RT Delta > 1/2 Window

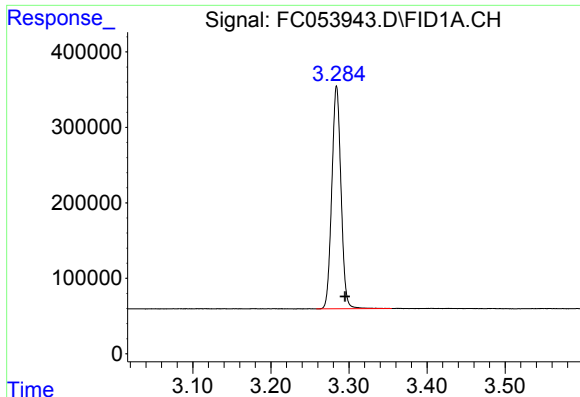
(m)=manual int.

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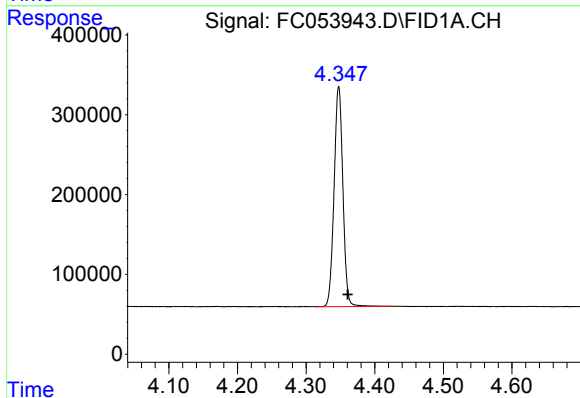
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





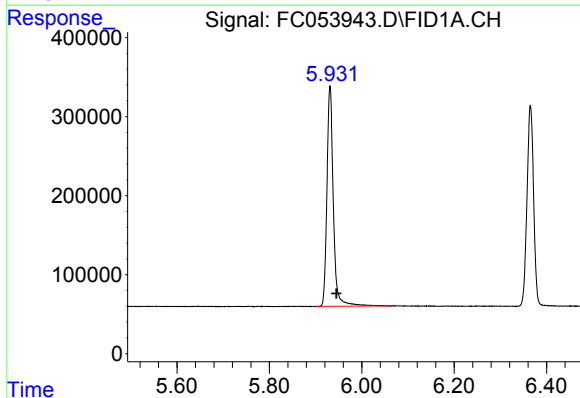
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.011 min
Response: 2415064
Conc: 20.45 ug/ml



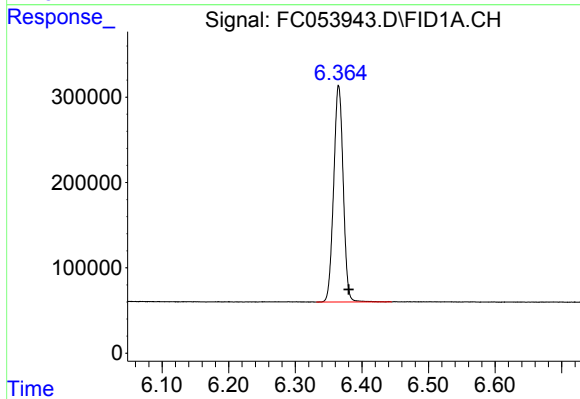
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.013 min
Response: 2461748
Conc: 20.79 ug/ml



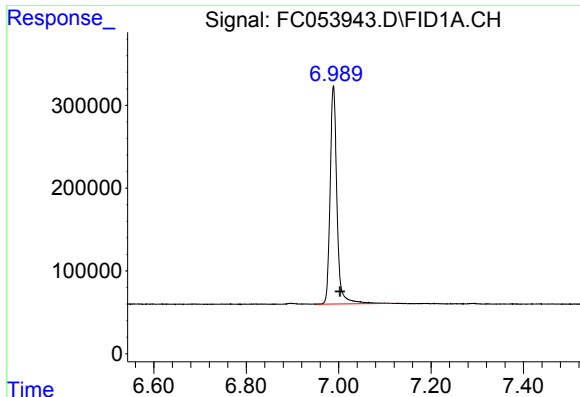
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.013 min
Response: 2682610
Conc: 20.59 ug/ml



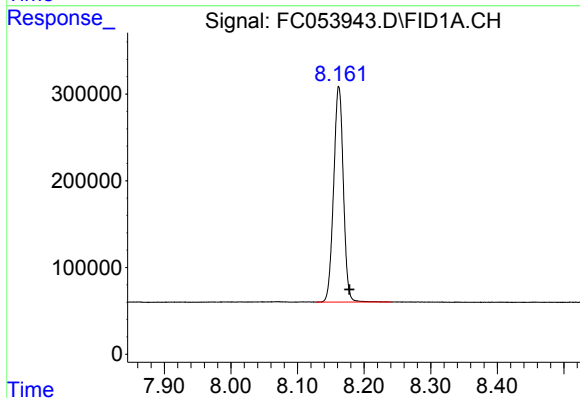
#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: -0.015 min
Response: 2523979
Conc: 20.86 ug/ml



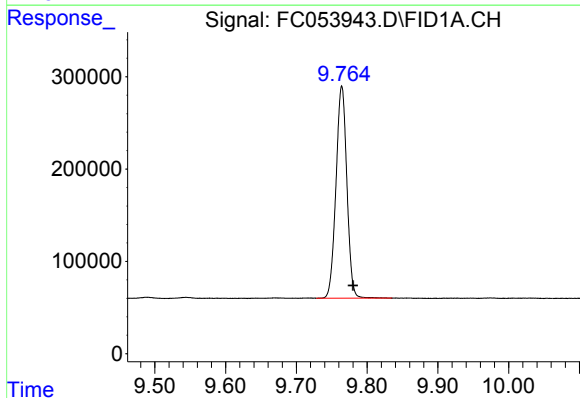
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.989 min
Delta R.T.: -0.014 min
Response: 2695307
Conc: 20.39 ug/ml



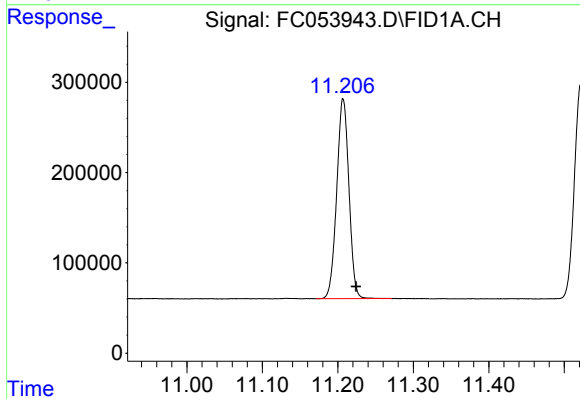
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: -0.016 min
Response: 2519389
Conc: 20.68 ug/ml



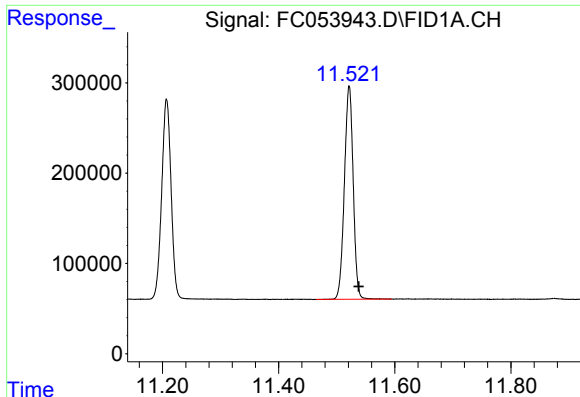
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.016 min
Response: 2455262
Conc: 20.05 ug/ml



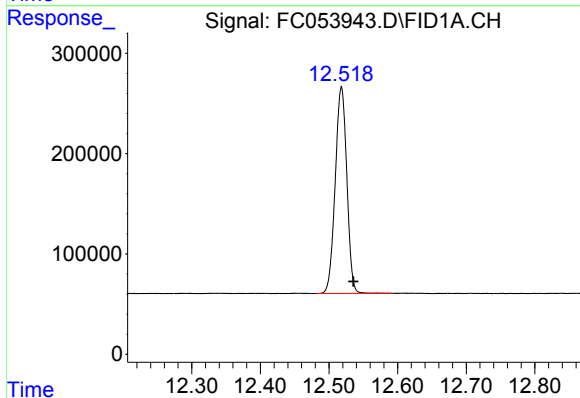
#8 n-Octadecane (C18)

R.T.: 11.207 min
Delta R.T.: -0.017 min
Response: 2490864
Conc: 19.13 ug/ml



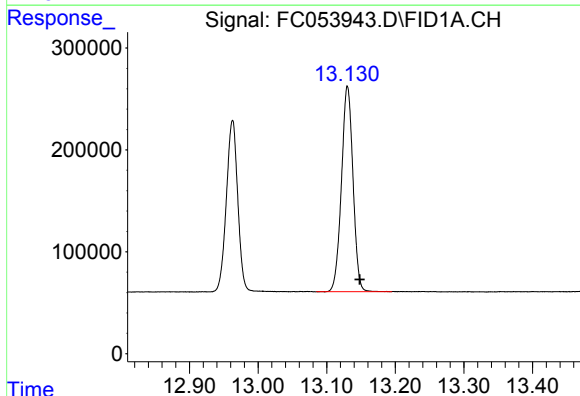
#9 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: -0.017 min
Response: 2491504
Conc: 18.00 ug/ml



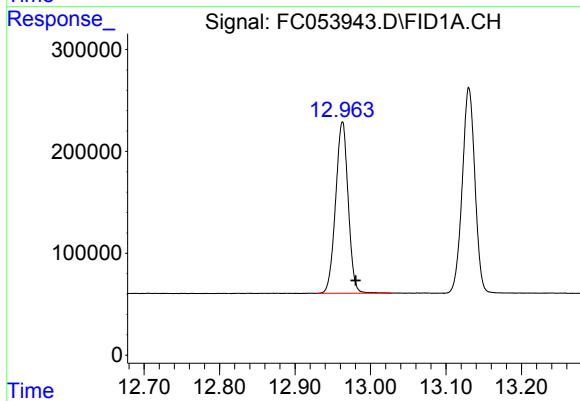
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: -0.018 min
Response: 2416686
Conc: 18.26 ug/ml



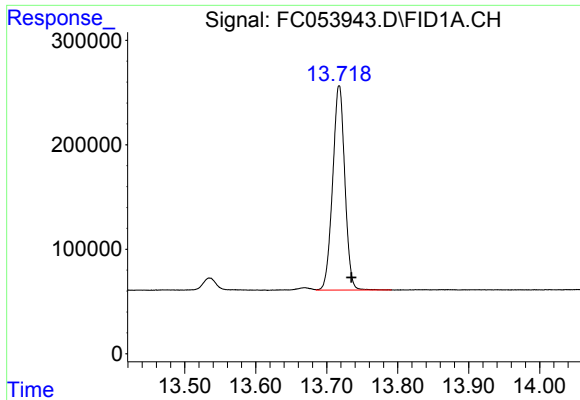
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: -0.018 min
Response: 2350927
Conc: 17.70 ug/ml



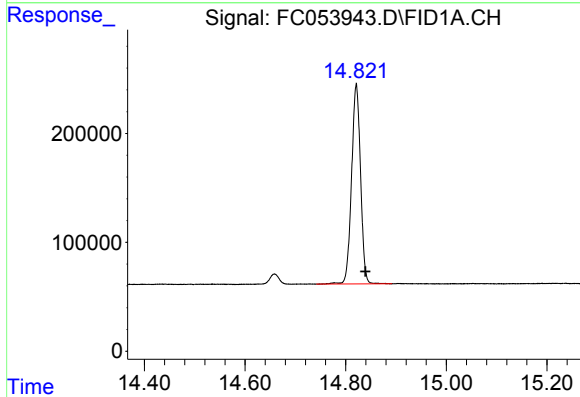
#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min
Delta R.T.: -0.018 min
Response: 1943717
Conc: 17.43 ug/ml



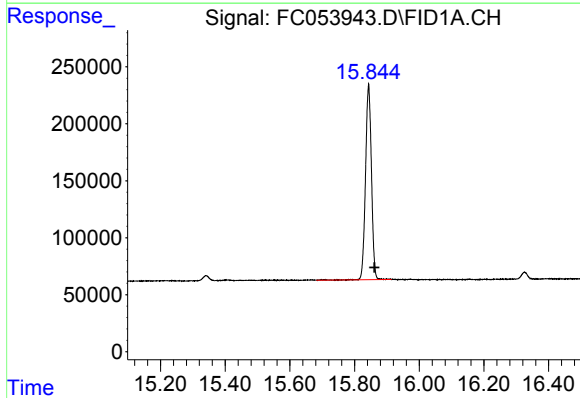
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.017 min
Response: 2331621
Conc: 17.53 ug/ml



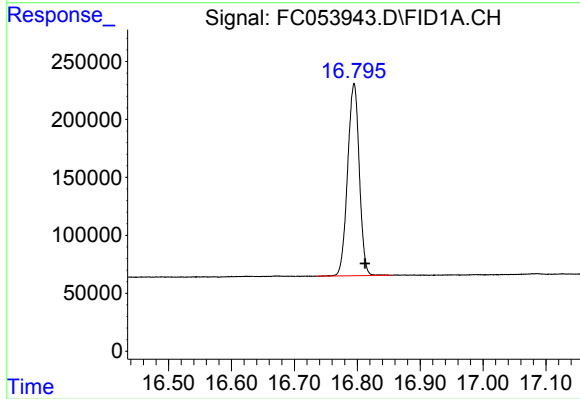
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.018 min
Response: 2270409
Conc: 17.01 ug/ml



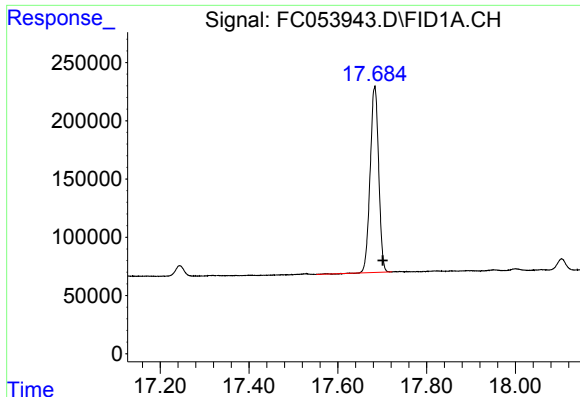
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: -0.018 min
Response: 2169466
Conc: 16.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.795 min
Delta R.T.: -0.018 min
Response: 2140322
Conc: 16.35 ug/ml



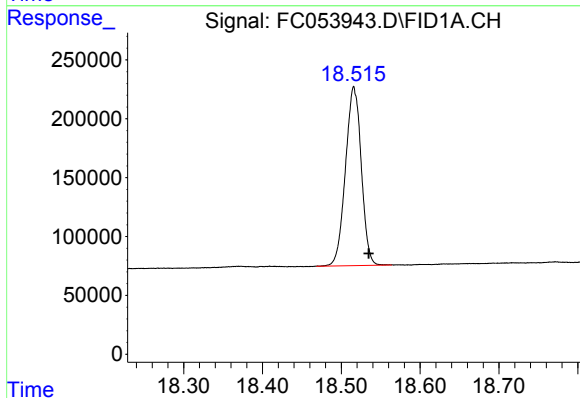
#17 n-Tricontane (C30)

R.T.: 17.683 min

Delta R.T.: -0.018 min

Response: 2125703

Conc: 16.30 ug/ml



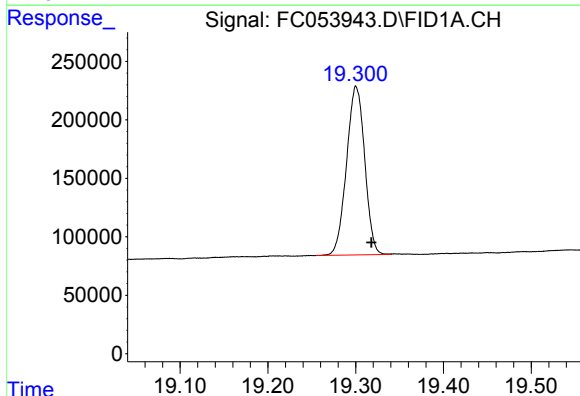
#18 n-Dotriacontane (C32)

R.T.: 18.515 min

Delta R.T.: -0.019 min

Response: 2118601

Conc: 16.79 ug/ml m



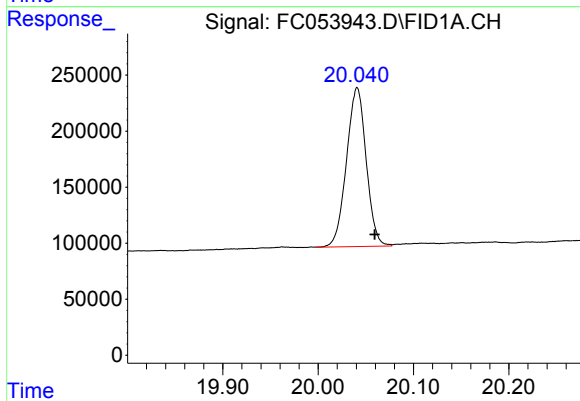
#19 n-Tetratriacontane (C34)

R.T.: 19.300 min

Delta R.T.: -0.019 min

Response: 2078438

Conc: 17.06 ug/ml m



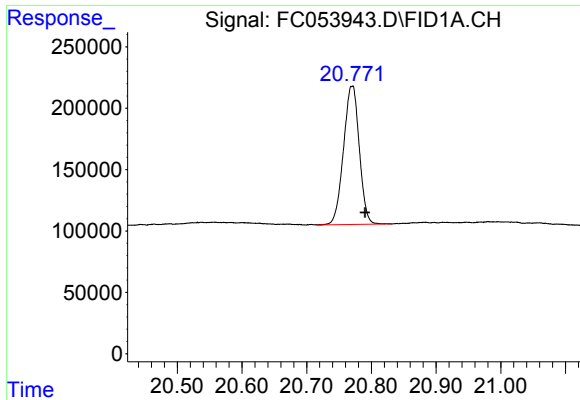
#20 n-Hexatriacontane (C36)

R.T.: 20.040 min

Delta R.T.: -0.019 min

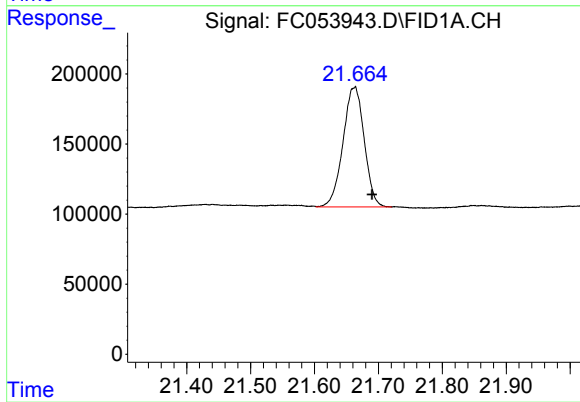
Response: 2034704

Conc: 17.40 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.770 min
Delta R.T.: -0.020 min
Response: 1910125
Conc: 18.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.664 min
Delta R.T.: -0.026 min
Response: 1976592
Conc: 19.84 ug/ml m