

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081020AL\
 Data File : FC048914.D
 Signal(s) : FID1A.CH
 Acq On : 10 Aug 2020 10:08
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 02:26:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 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)	11.672	2618765	22.041 ug/ml
Spiked Amount 50.000		Recovery =	44.08%
12) S 1-chlorooctadecane (S...	13.105	2144410	22.044 ug/ml
Spiked Amount 50.000		Recovery =	44.09%
Target Compounds			
1) T n-Nonane (C9)	3.409	2266688	21.733 ug/ml
2) T n-Decane (C10)	4.483	2293037	21.862 ug/ml
3) T A~Naphthalene (C11.7)	6.079	2586103	21.867 ug/ml
4) T n-Dodecane (C12)	6.507	2329506	21.963 ug/ml
5) T A~2-methylnaphthalene...	7.138	2647422	21.958 ug/ml
6) T n-Tetradecane (C14)	8.305	2323590	22.065 ug/ml
7) T n-Hexadecane (C16)	9.907	2316379	22.068 ug/ml
8) T n-Octadecane (C18)	11.351	2423942	22.064 ug/ml
10) T n-Eicosane (C20)	12.659	2455596	22.066 ug/ml
11) T n-Heneicosane (C21)	13.272	2462188	22.041 ug/ml
13) T n-Docosane (C22)	13.857	2476727	22.035 ug/ml
14) T n-Tetracosane (C24)	14.959	2506281	22.045 ug/ml
15) T n-Hexacosane (C26)	15.977	2516796	21.996 ug/ml
16) T n-Octacosane (C28)	16.926	2541877	21.849 ug/ml
17) T n-Tricontane (C30)	17.811	2504431	21.665 ug/ml
18) T n-Dotriacontane (C32)	18.643	2313819	21.399 ug/ml
19) T n-Tetratriacontane (C34)	19.422	2187484	21.091 ug/ml
20) T n-Hexatriacontane (C36)	20.160	2098689	21.107 ug/ml
21) T n-Octatriacontane (C38)	20.914	1961526	20.743 ug/mlm
22) T n-Tetracontane (C40)	21.856	1973723	20.675 ug/ml

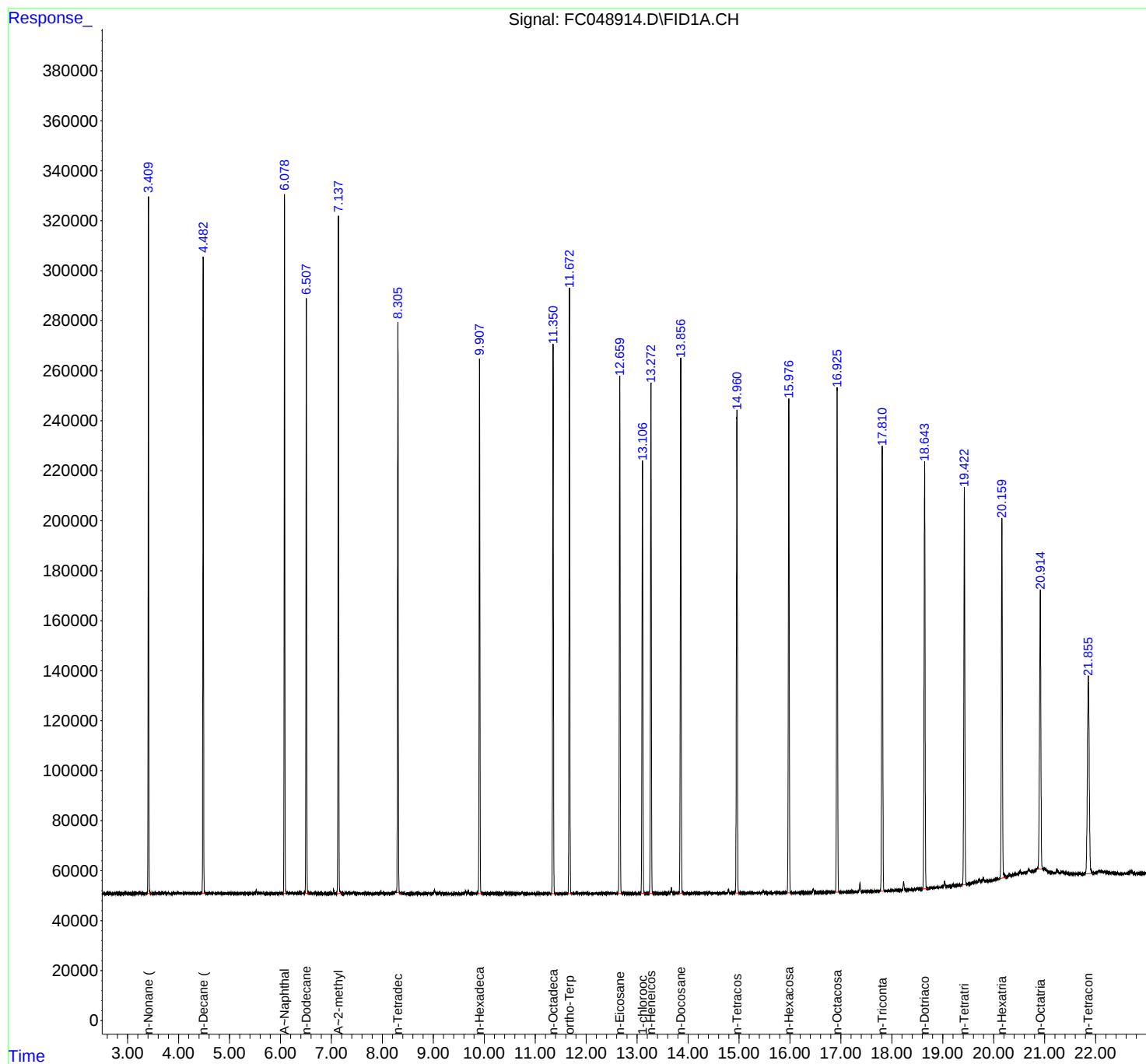
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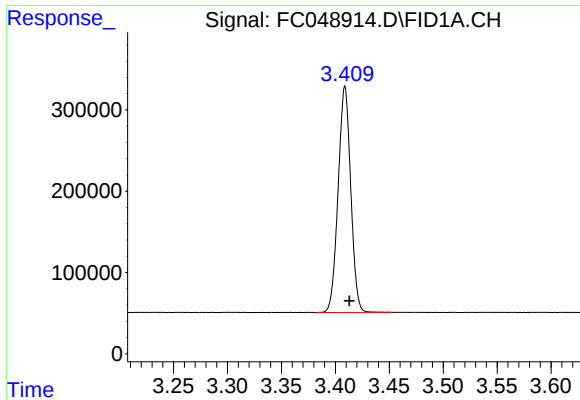
(m)=manual int.

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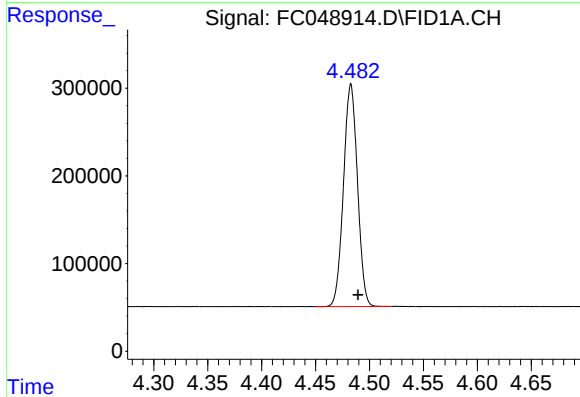
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





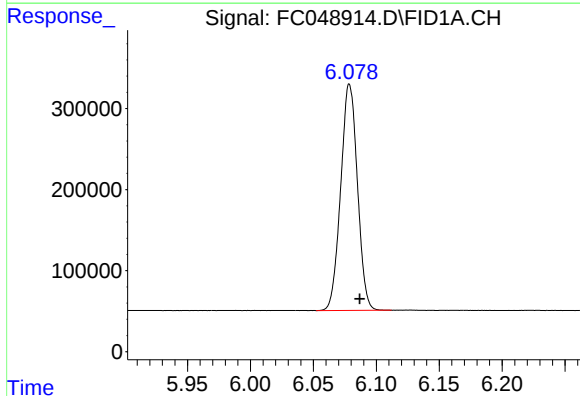
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: -0.004 min
Response: 2266688
Conc: 21.73 ug/ml



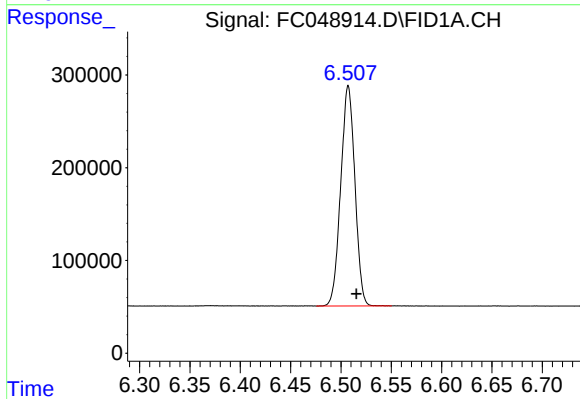
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: -0.007 min
Response: 2293037
Conc: 21.86 ug/ml



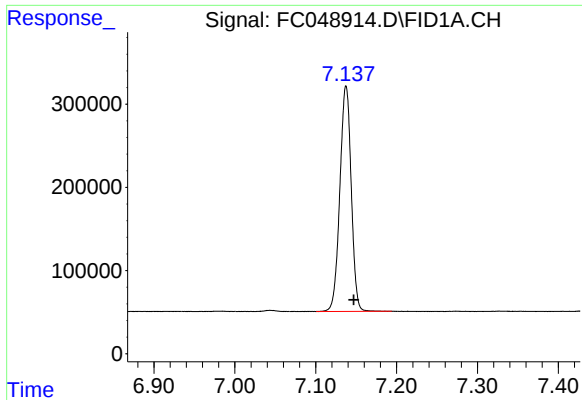
#3 A~Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.008 min
Response: 2586103
Conc: 21.87 ug/ml



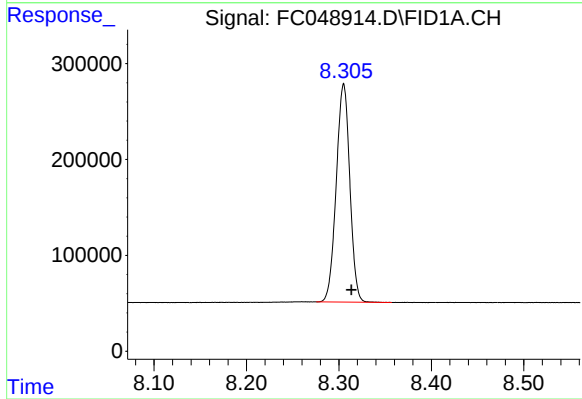
#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.008 min
Response: 2329506
Conc: 21.96 ug/ml



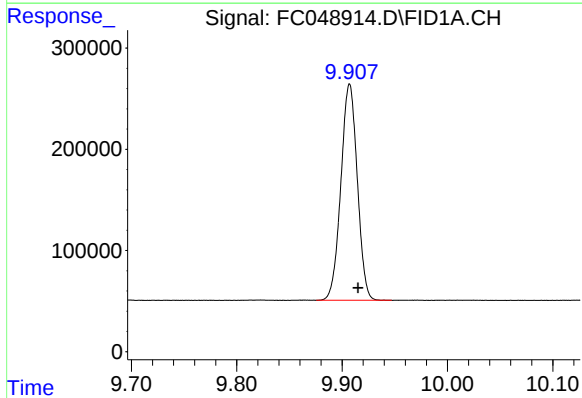
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: -0.010 min
Response: 2647422
Conc: 21.96 ug/ml



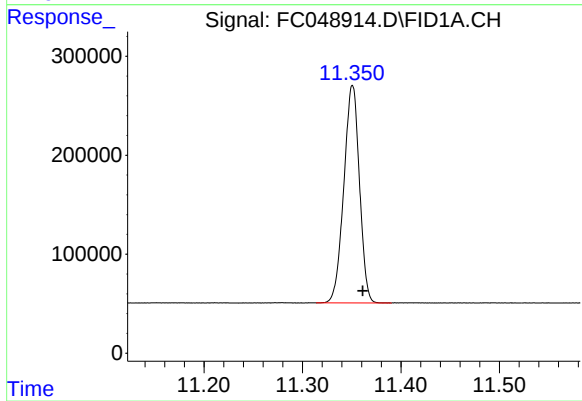
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: -0.008 min
Response: 2323590
Conc: 22.06 ug/ml



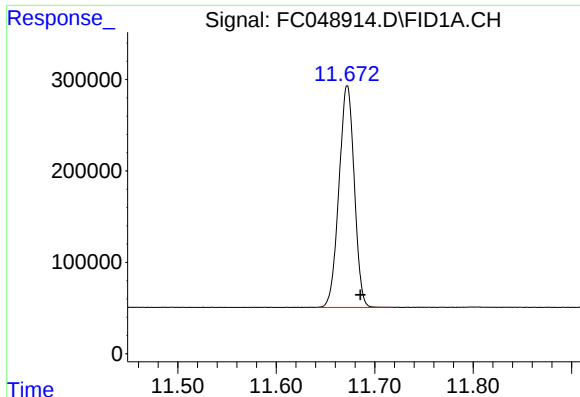
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: -0.008 min
Response: 2316379
Conc: 22.07 ug/ml



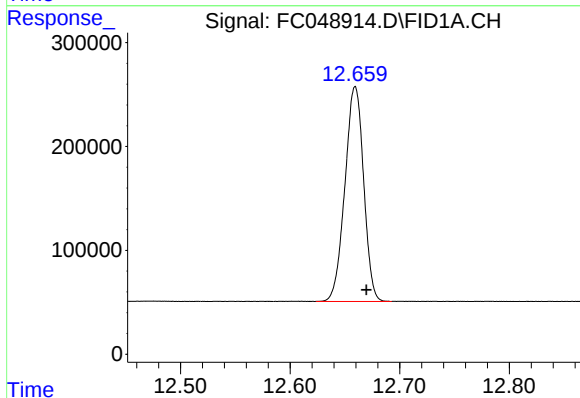
#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: -0.010 min
Response: 2423942
Conc: 22.06 ug/ml



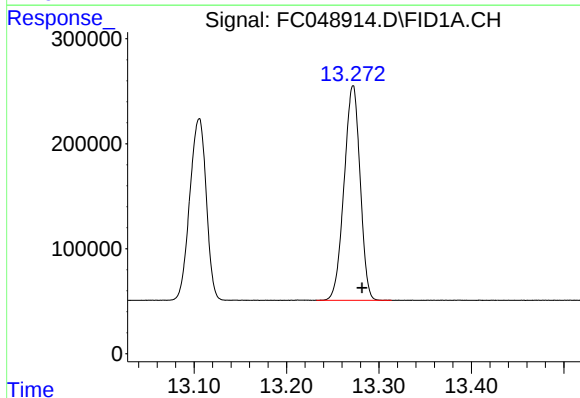
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: -0.013 min
Response: 2618765
Conc: 22.04 ug/ml



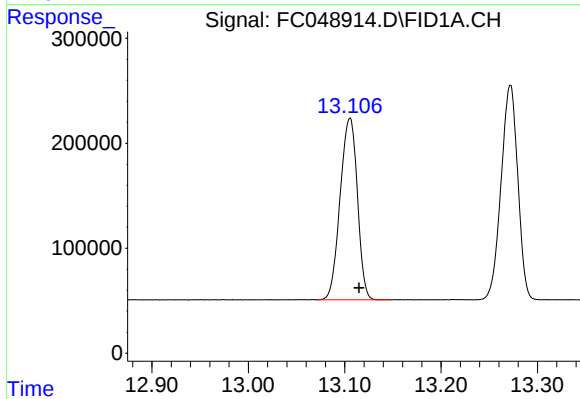
#10 n-Eicosane (C20)

R.T.: 12.659 min
Delta R.T.: -0.010 min
Response: 2455596
Conc: 22.07 ug/ml



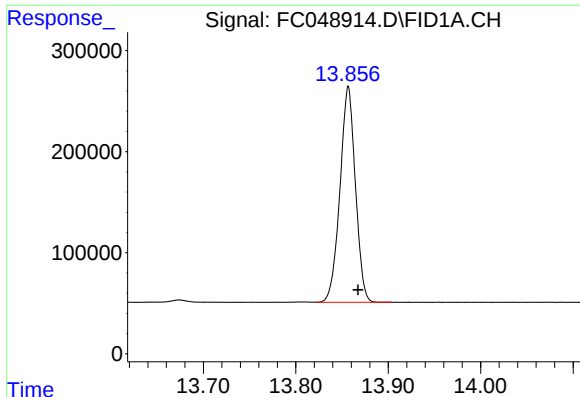
#11 n-Heneicosane (C21)

R.T.: 13.272 min
Delta R.T.: -0.010 min
Response: 2462188
Conc: 22.04 ug/ml



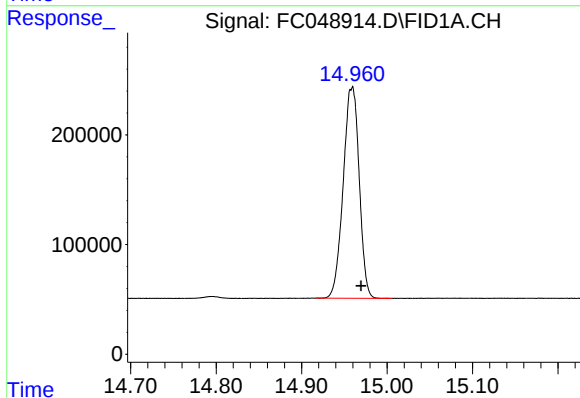
#12 1-chlorooctadecane (SURR)

R.T.: 13.105 min
Delta R.T.: -0.009 min
Response: 2144410
Conc: 22.04 ug/ml



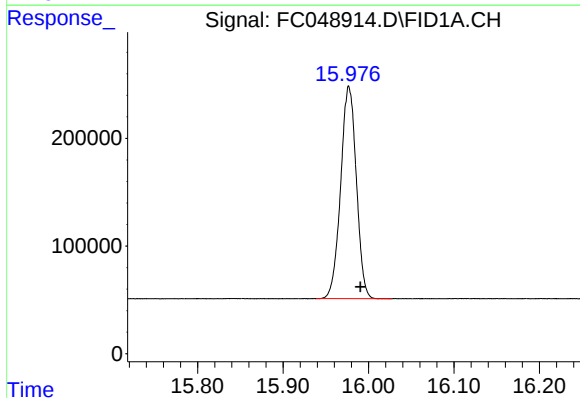
#13 n-Docosane (C22)

R.T.: 13.857 min
Delta R.T.: -0.010 min
Response: 2476727
Conc: 22.03 ug/ml



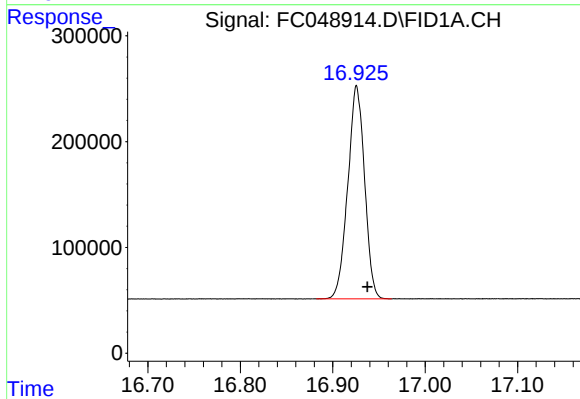
#14 n-Tetracosane (C24)

R.T.: 14.959 min
Delta R.T.: -0.010 min
Response: 2506281
Conc: 22.05 ug/ml



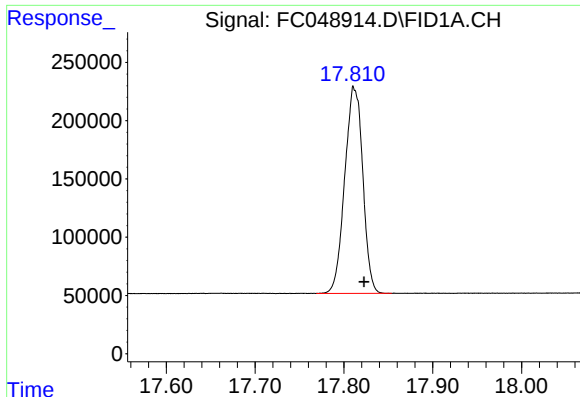
#15 n-Hexacosane (C26)

R.T.: 15.977 min
Delta R.T.: -0.013 min
Response: 2516796
Conc: 22.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.926 min
Delta R.T.: -0.012 min
Response: 2541877
Conc: 21.85 ug/ml



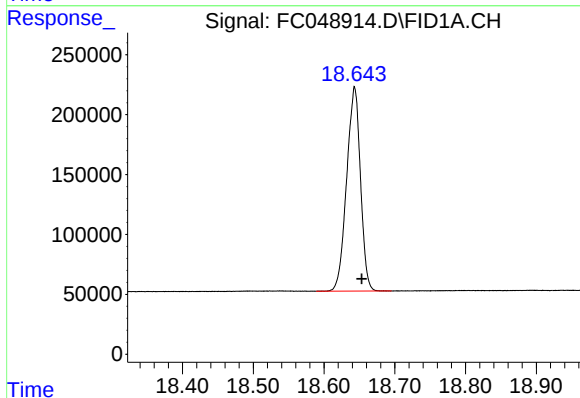
#17 n-Tricontane (C30)

R.T.: 17.811 min

Delta R.T.: -0.011 min

Response: 2504431

Conc: 21.66 ug/ml



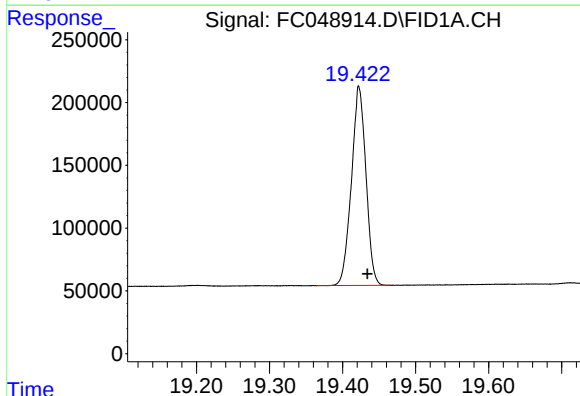
#18 n-Dotriacontane (C32)

R.T.: 18.643 min

Delta R.T.: -0.010 min

Response: 2313819

Conc: 21.40 ug/ml



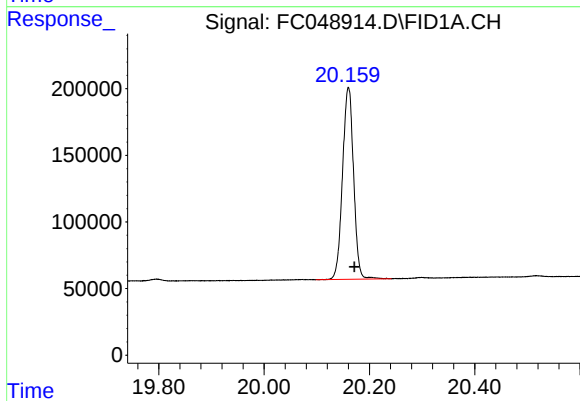
#19 n-Tetratriacontane (C34)

R.T.: 19.422 min

Delta R.T.: -0.012 min

Response: 2187484

Conc: 21.09 ug/ml



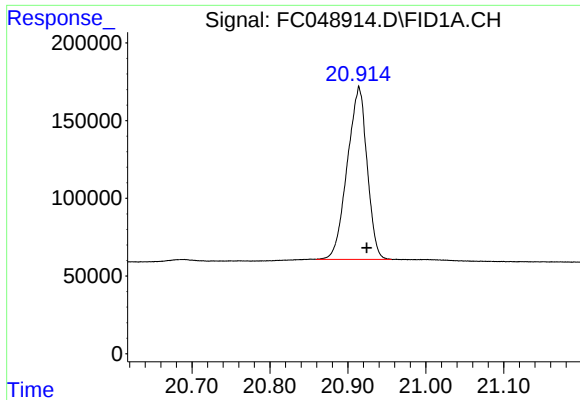
#20 n-Hexatriacontane (C36)

R.T.: 20.160 min

Delta R.T.: -0.011 min

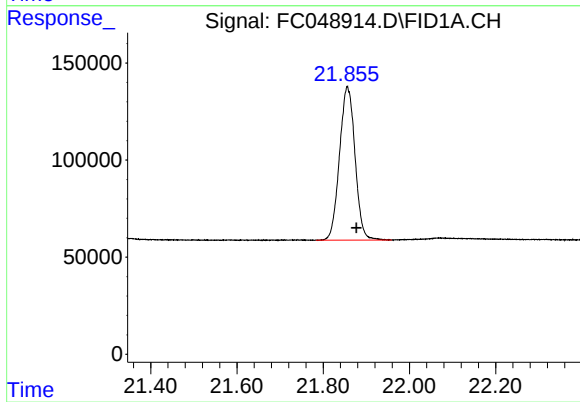
Response: 2098689

Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: -0.011 min
Response: 1961526
Conc: 20.74 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.856 min
Delta R.T.: -0.021 min
Response: 1973723
Conc: 20.67 ug/ml