

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060821AL\
 Data File : FC054144.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jun 2021 12:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 09 12:52:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 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)	11.355	2849435	20.408 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
12) S 1-chlorooctadecane (S...	12.799	2182159	19.463 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T n-Nonane (C9)	3.166	2651211	22.440 ug/ml
2) T n-Decane (C10)	4.221	2696905	22.627 ug/ml
3) T A~Naphthalene (C11.7)	5.787	2994801	22.899 ug/ml
4) T n-Dodecane (C12)	6.229	2786917	22.702 ug/ml
5) T A~2-methylnaphthalene...	6.840	3043561	22.800 ug/ml
6) T n-Tetradecane (C14)	8.017	2791440	22.504 ug/ml
7) T n-Hexadecane (C16)	9.614	2737050	21.968 ug/ml
8) T n-Octadecane (C18)	11.052	2773752	21.058 ug/ml
10) T n-Eicosane (C20)	12.357	2704920	20.180 ug/ml
11) T n-Heneicosane (C21)	12.968	2642843	19.704 ug/ml
13) T n-Docosane (C22)	13.554	2598189	19.331 ug/ml
14) T n-Tetracosane (C24)	14.655	2540119	18.918 ug/ml
15) T n-Hexacosane (C26)	15.675	2453178	18.509 ug/ml
16) T n-Octacosane (C28)	16.624	2472493	18.726 ug/ml
17) T n-Tricontane (C30)	17.511	2556117	19.494 ug/ml
18) T n-Dotriacontane (C32)	18.343	2558266	19.831 ug/ml
19) T n-Tetratriacontane (C34)	19.126	2482413	20.349 ug/ml
20) T n-Hexatriacontane (C36)	19.866	2360527	20.908 ug/ml
21) T n-Octatriacontane (C38)	20.573	2207219	21.890 ug/mlm
22) T n-Tetracontane (C40)	21.405	2241096	22.206 ug/ml

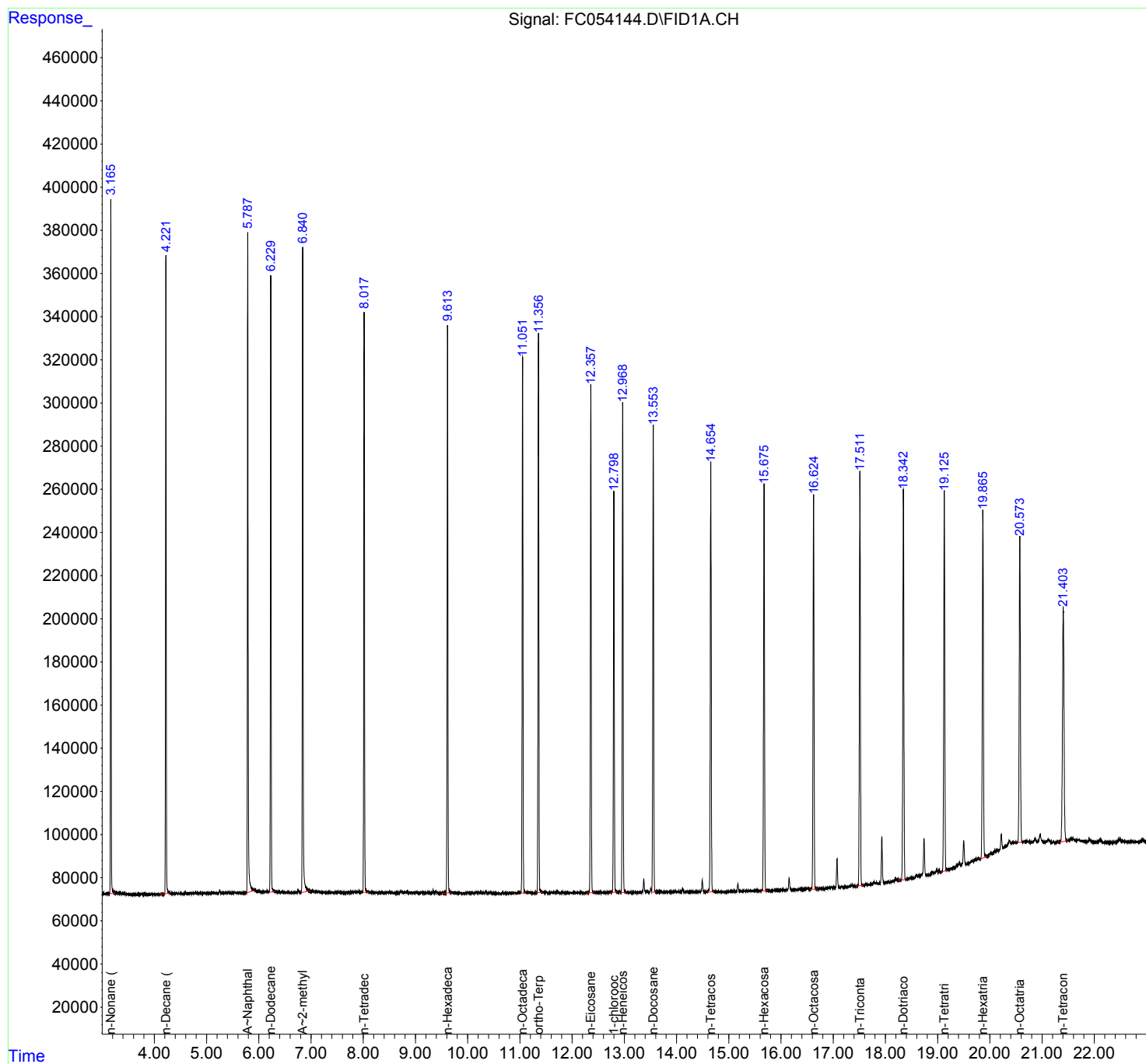
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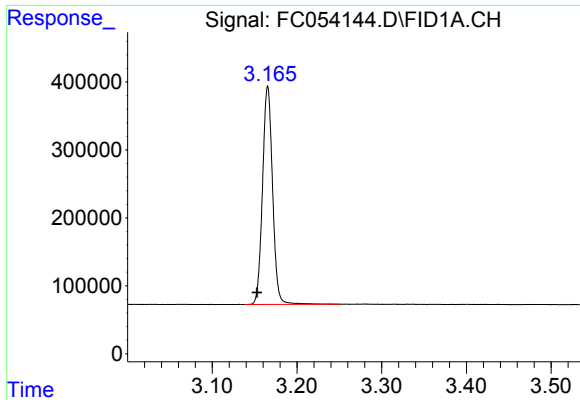
(m)=manual int.

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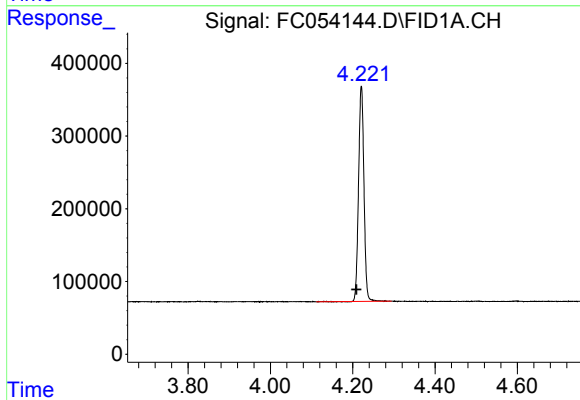
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Signal Info : 20M x 0.18mm x 0.18um





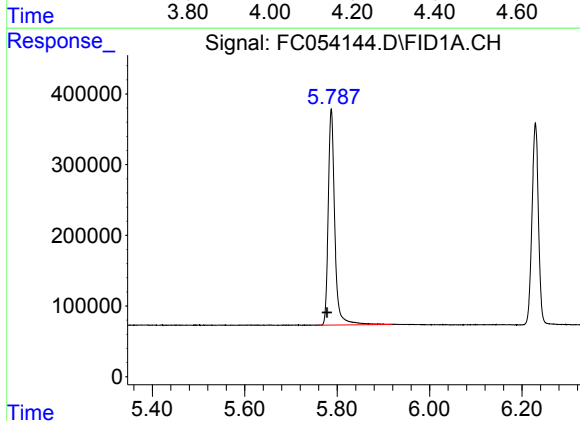
#1 n-Nonane (C9)

R.T.: 3.166 min
Delta R.T.: 0.013 min
Response: 2651211
Conc: 22.44 ug/ml



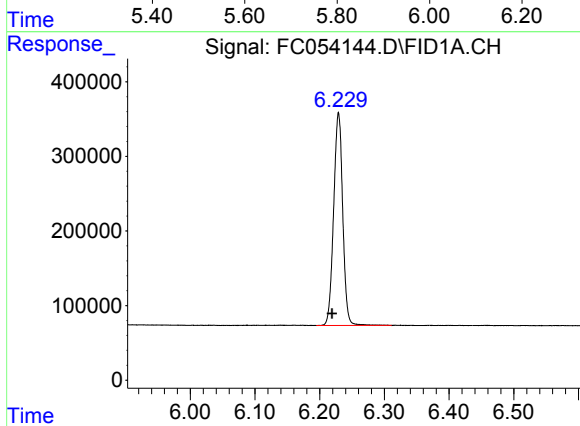
#2 n-Decane (C10)

R.T.: 4.221 min
Delta R.T.: 0.012 min
Response: 2696905
Conc: 22.63 ug/ml



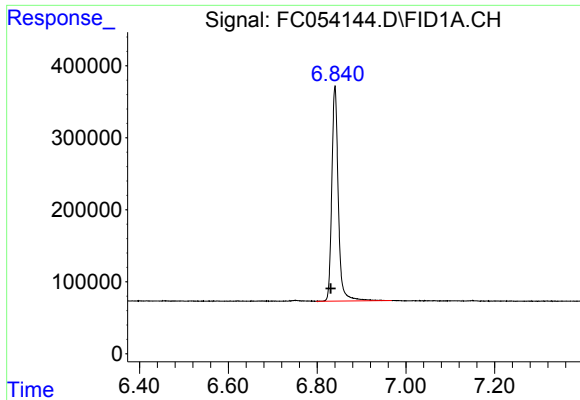
#3 A~Naphthalene (C11.7)

R.T.: 5.787 min
Delta R.T.: 0.010 min
Response: 2994801
Conc: 22.90 ug/ml



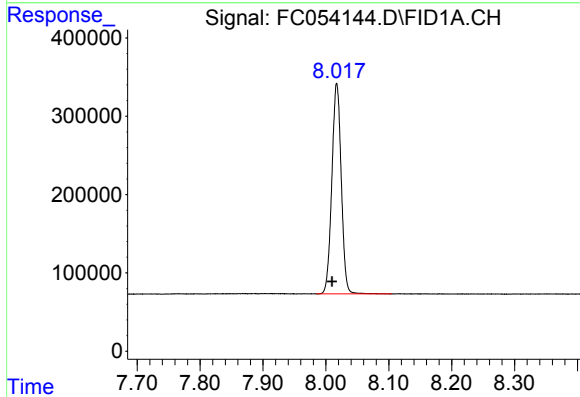
#4 n-Dodecane (C12)

R.T.: 6.229 min
Delta R.T.: 0.010 min
Response: 2786917
Conc: 22.70 ug/ml



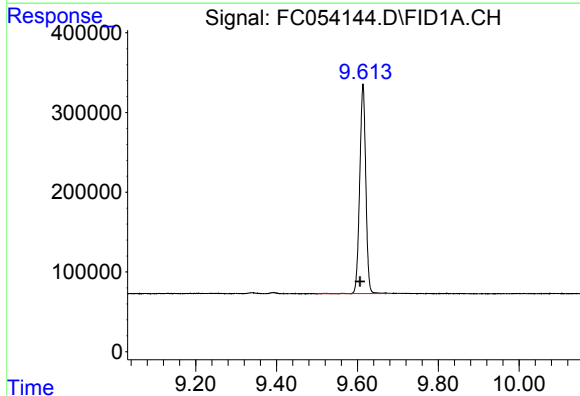
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.840 min
Delta R.T.: 0.010 min
Response: 3043561
Conc: 22.80 ug/ml



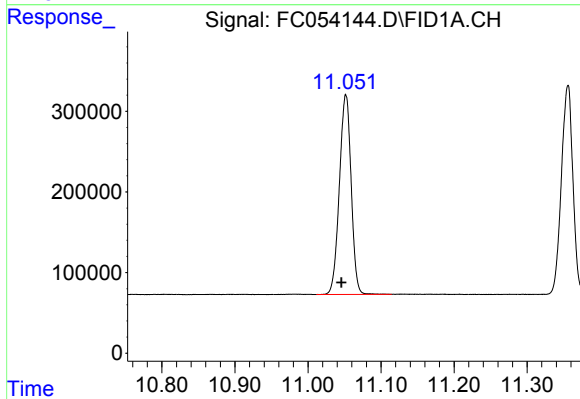
#6 n-Tetradecane (C14)

R.T.: 8.017 min
Delta R.T.: 0.008 min
Response: 2791440
Conc: 22.50 ug/ml



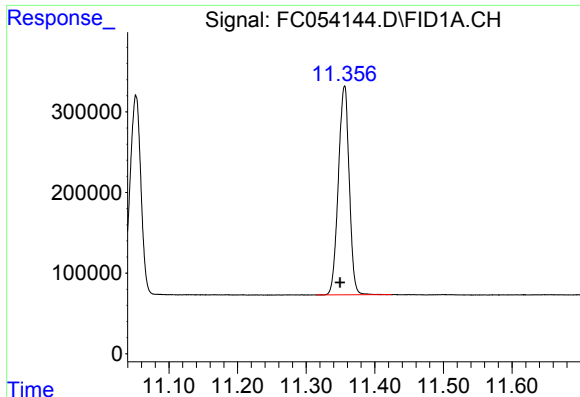
#7 n-Hexadecane (C16)

R.T.: 9.614 min
Delta R.T.: 0.007 min
Response: 2737050
Conc: 21.97 ug/ml



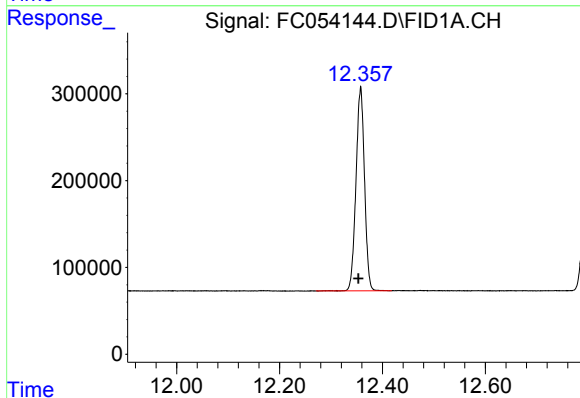
#8 n-Octadecane (C18)

R.T.: 11.052 min
Delta R.T.: 0.006 min
Response: 2773752
Conc: 21.06 ug/ml



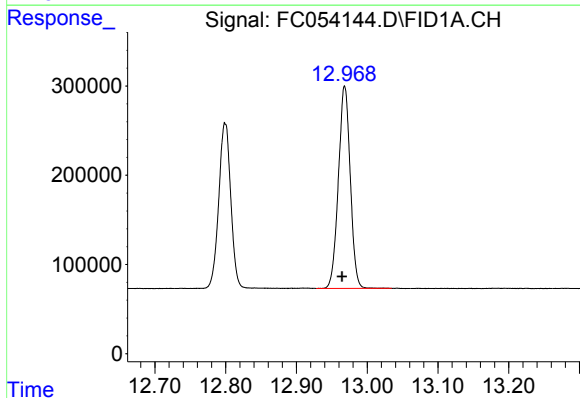
#9 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.006 min
Response: 2849435
Conc: 20.41 ug/ml



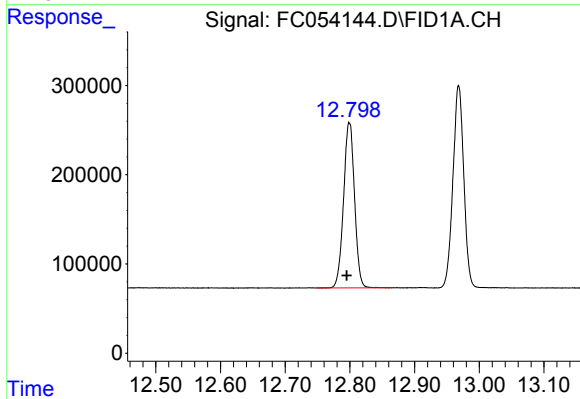
#10 n-Eicosane (C20)

R.T.: 12.357 min
Delta R.T.: 0.004 min
Response: 2704920
Conc: 20.18 ug/ml



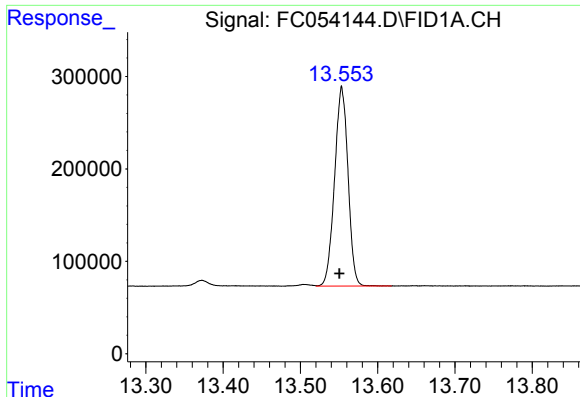
#11 n-Heneicosane (C21)

R.T.: 12.968 min
Delta R.T.: 0.003 min
Response: 2642843
Conc: 19.70 ug/ml



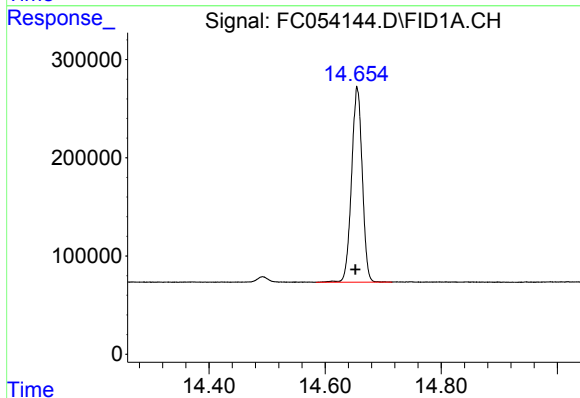
#12 1-chlorooctadecane (SURR)

R.T.: 12.799 min
Delta R.T.: 0.004 min
Response: 2182159
Conc: 19.46 ug/ml



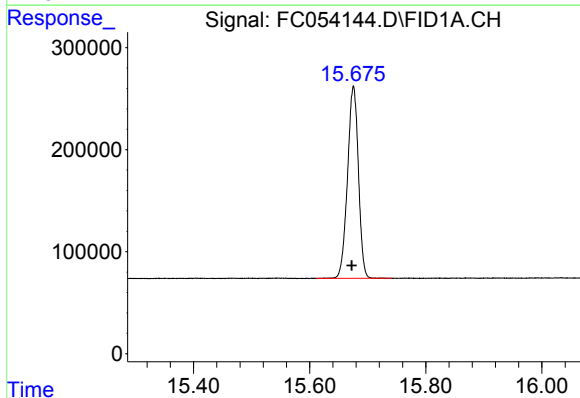
#13 n-Docosane (C22)

R.T.: 13.554 min
Delta R.T.: 0.003 min
Response: 2598189
Conc: 19.33 ug/ml



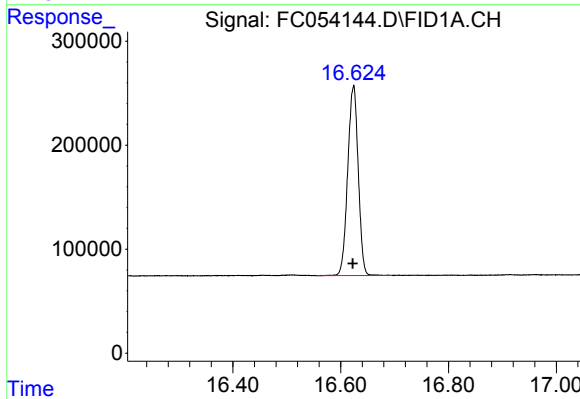
#14 n-Tetracosane (C24)

R.T.: 14.655 min
Delta R.T.: 0.003 min
Response: 2540119
Conc: 18.92 ug/ml



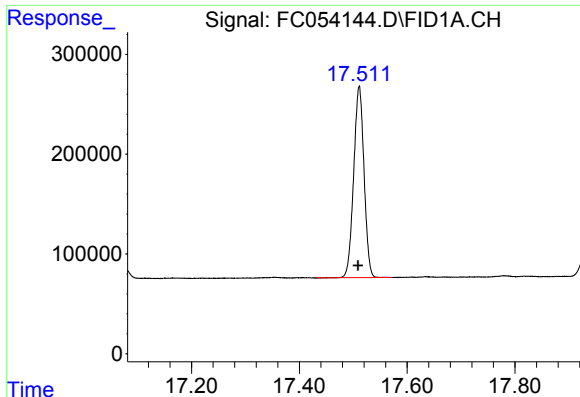
#15 n-Hexacosane (C26)

R.T.: 15.675 min
Delta R.T.: 0.003 min
Response: 2453178
Conc: 18.51 ug/ml



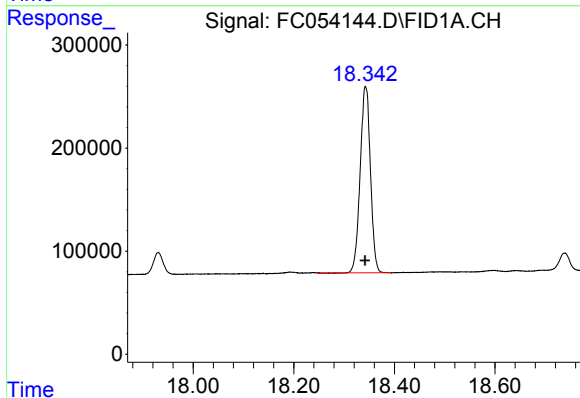
#16 n-Octacosane (C28)

R.T.: 16.624 min
Delta R.T.: 0.002 min
Response: 2472493
Conc: 18.73 ug/ml



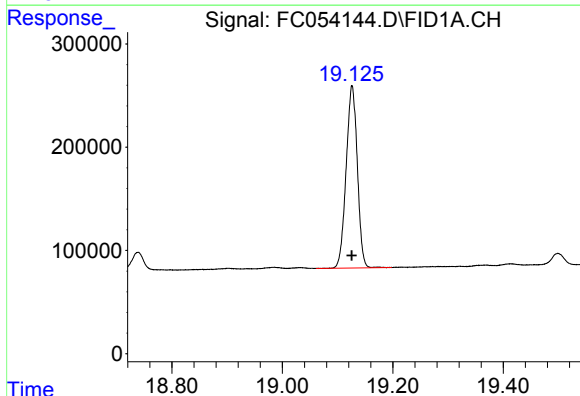
#17 n-Tricontane (C30)

R.T.: 17.511 min
Delta R.T.: 0.002 min
Response: 2556117
Conc: 19.49 ug/ml



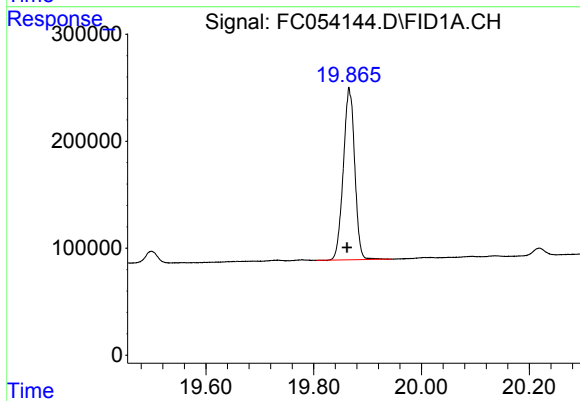
#18 n-Dotriacontane (C32)

R.T.: 18.343 min
Delta R.T.: 0.001 min
Response: 2558266
Conc: 19.83 ug/ml



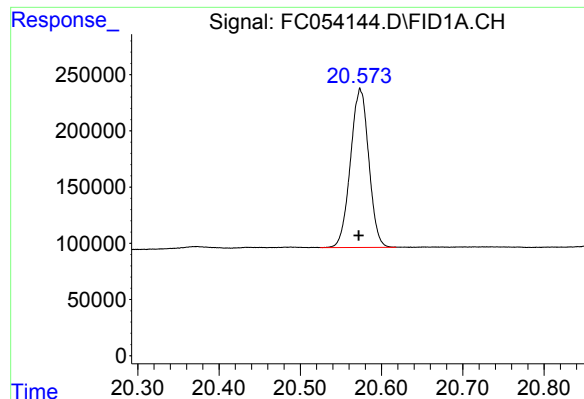
#19 n-Tetratriacontane (C34)

R.T.: 19.126 min
Delta R.T.: 0.000 min
Response: 2482413
Conc: 20.35 ug/ml



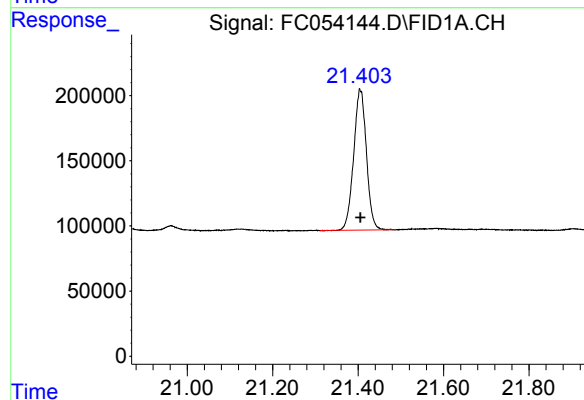
#20 n-Hexatriacontane (C36)

R.T.: 19.866 min
Delta R.T.: 0.004 min
Response: 2360527
Conc: 20.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.573 min
Delta R.T.: 0.001 min
Response: 2207219
Conc: 21.89 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.405 min
Delta R.T.: 0.000 min
Response: 2241096
Conc: 22.21 ug/ml