

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071320AL\
 Data File : FC048405.D
 Signal(s) : FID1A.CH
 Acq On : 14 Jul 2020 4:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 14 05:33:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.680	2712801	19.766 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
12) S 1-chlorooctadecane (S...	13.113	2196182	19.489 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
Target Compounds			
1) T n-Nonane (C9)	3.412	2435796	20.434 ug/ml
2) T n-Decane (C10)	4.485	2471181	20.530 ug/ml
3) T A~Naphthalene (C11.7)	6.081	2800258	20.809 ug/ml
4) T n-Dodecane (C12)	6.511	2513088	20.541 ug/ml
5) T A~2-methylnaphthalene...	7.141	2861662	20.762 ug/ml
6) T n-Tetradecane (C14)	8.310	2529856	20.537 ug/ml
7) T n-Hexadecane (C16)	9.913	2479800	20.258 ug/ml
8) T n-Octadecane (C18)	11.357	2561541	20.015 ug/ml
10) T n-Eicosane (C20)	12.668	2551380	19.727 ug/ml
11) T n-Heneicosane (C21)	13.280	2531804	19.532 ug/ml
13) T n-Docosane (C22)	13.866	2507907	19.316 ug/ml
14) T n-Tetracosane (C24)	14.970	2458341	18.754 ug/ml
15) T n-Hexacosane (C26)	15.991	2370677	18.231 ug/ml
16) T n-Octacosane (C28)	16.939	2294380	17.559 ug/ml
17) T n-Tricontane (C30)	17.827	2174678	16.916 ug/ml
18) T n-Dotriacontane (C32)	18.658	1944137	16.456 ug/ml
19) T n-Tetratriacontane (C34)	19.441	1788534	16.023 ug/ml
20) T n-Hexatriacontane (C36)	20.180	1673740	15.914 ug/ml
21) T n-Octatriacontane (C38)	20.936	1577440	16.068 ug/ml
22) T n-Tetracontane (C40)	21.893	1629373	16.767 ug/ml

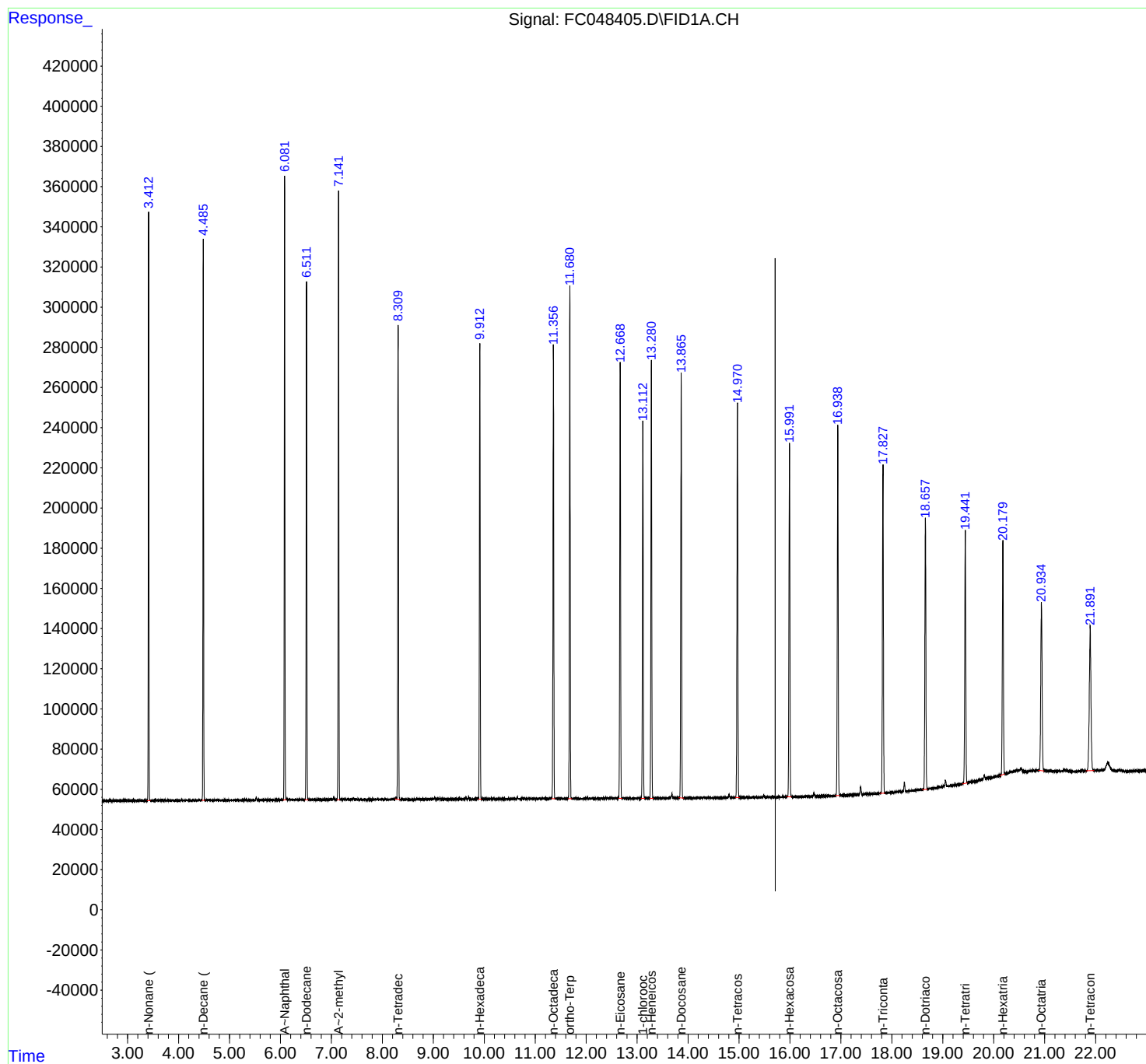
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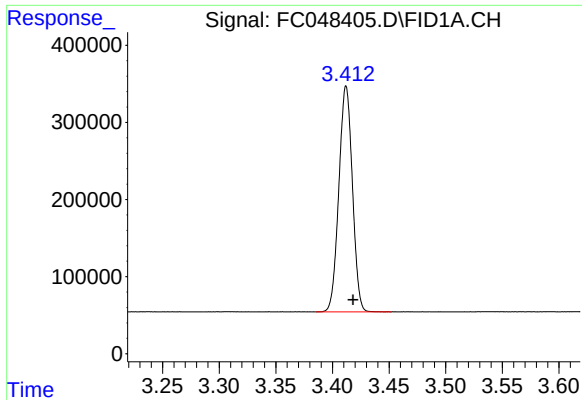
(m)=manual int.

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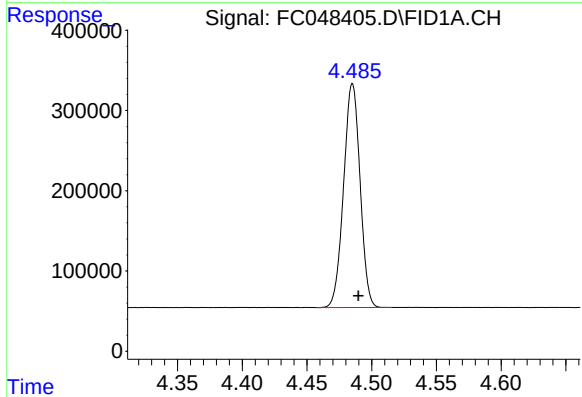
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





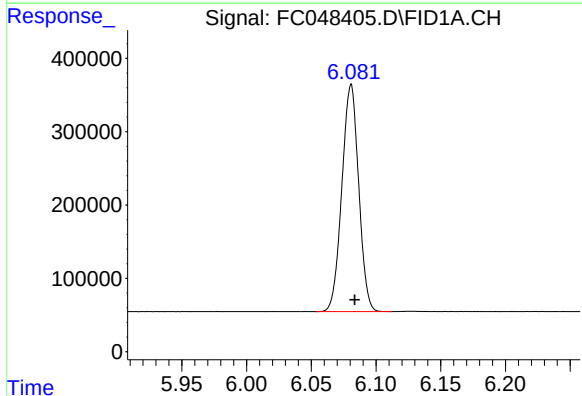
#1 n-Nonane (C9)

R.T.: 3.412 min
Delta R.T.: -0.006 min
Response: 2435796
Conc: 20.43 ug/ml



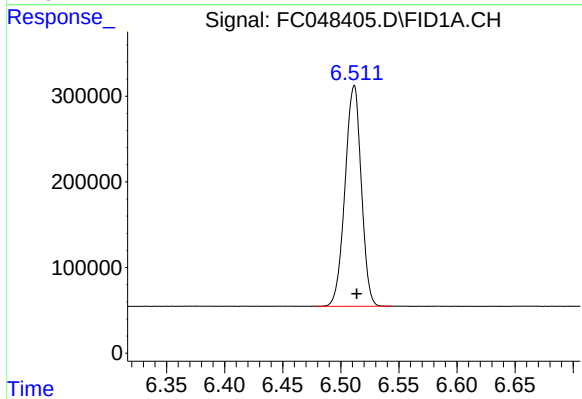
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.005 min
Response: 2471181
Conc: 20.53 ug/ml



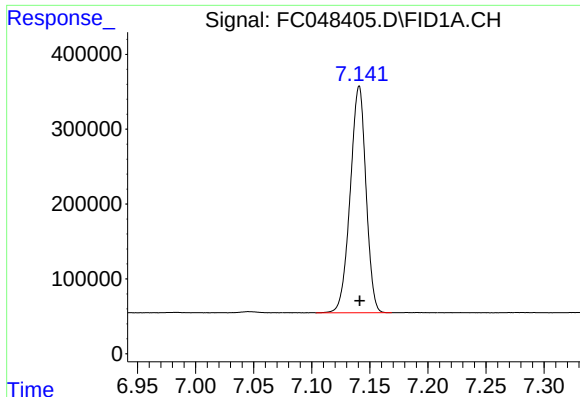
#3 A~Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: -0.003 min
Response: 2800258
Conc: 20.81 ug/ml



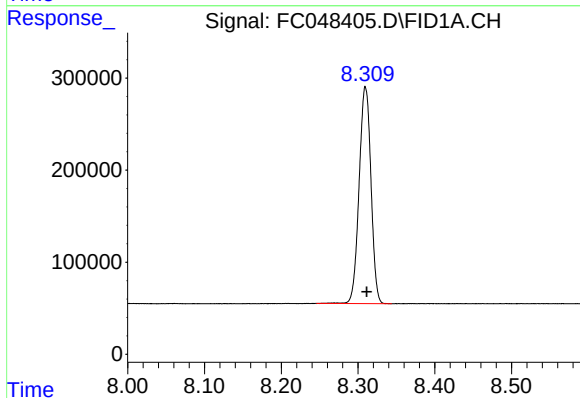
#4 n-Dodecane (C12)

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 2513088
Conc: 20.54 ug/ml



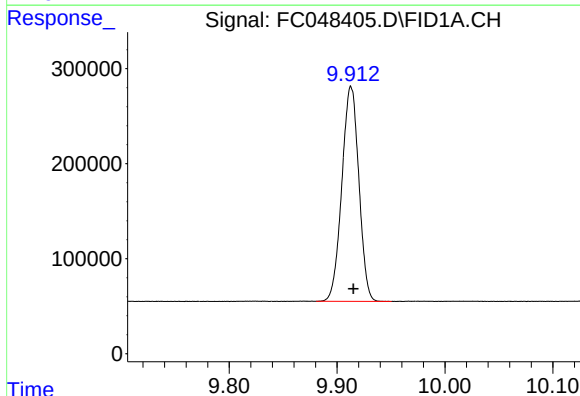
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 2861662
Conc: 20.76 ug/ml



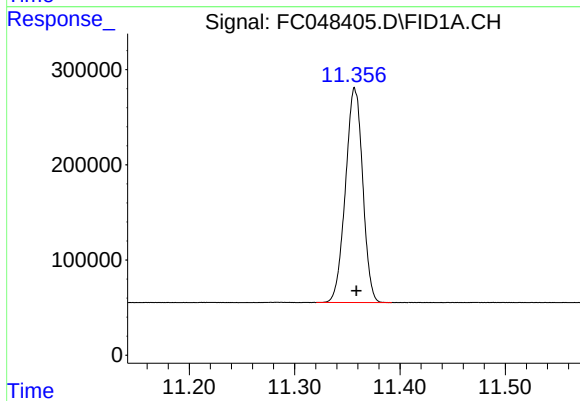
#6 n-Tetradecane (C14)

R.T.: 8.310 min
Delta R.T.: -0.002 min
Response: 2529856
Conc: 20.54 ug/ml



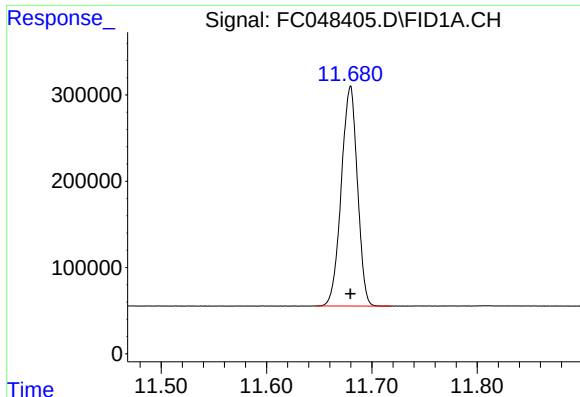
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: -0.002 min
Response: 2479800
Conc: 20.26 ug/ml



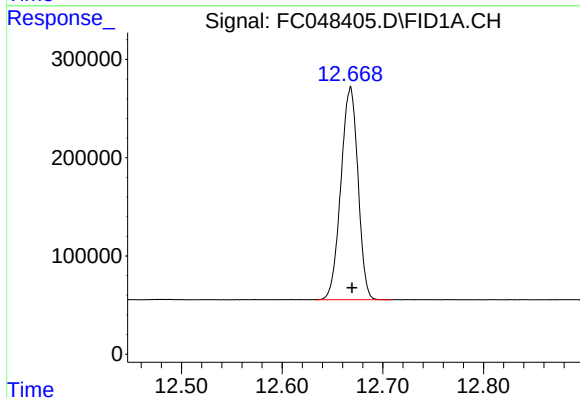
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.001 min
Response: 2561541
Conc: 20.01 ug/ml



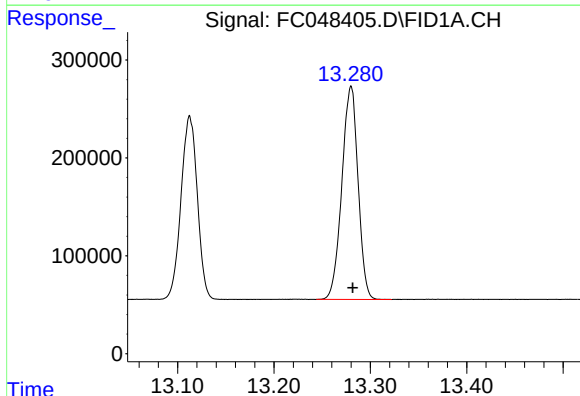
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: 0.000 min
Response: 2712801
Conc: 19.77 ug/ml



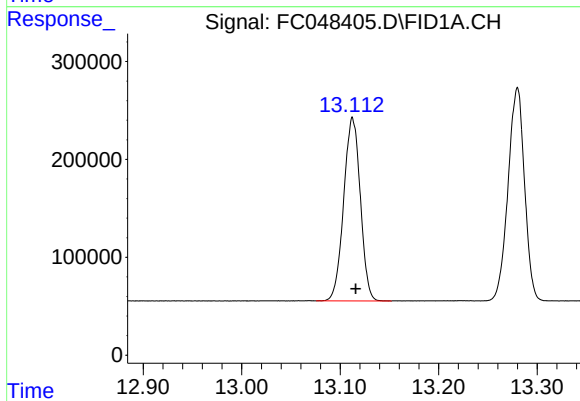
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.002 min
Response: 2551380
Conc: 19.73 ug/ml



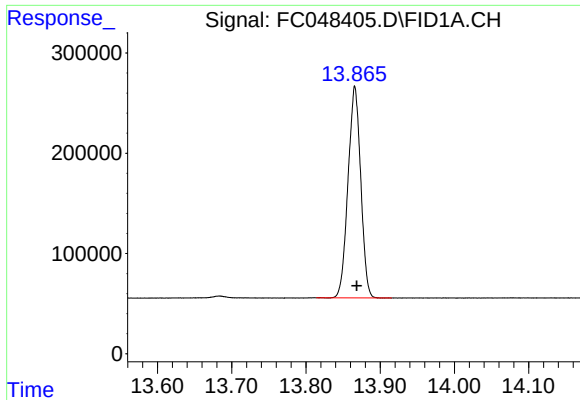
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: -0.002 min
Response: 2531804
Conc: 19.53 ug/ml



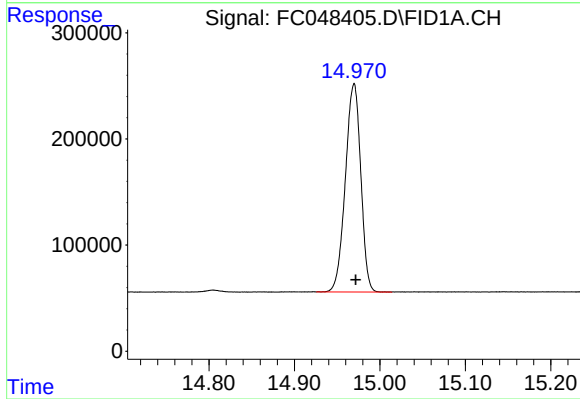
#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: -0.003 min
Response: 2196182
Conc: 19.49 ug/ml



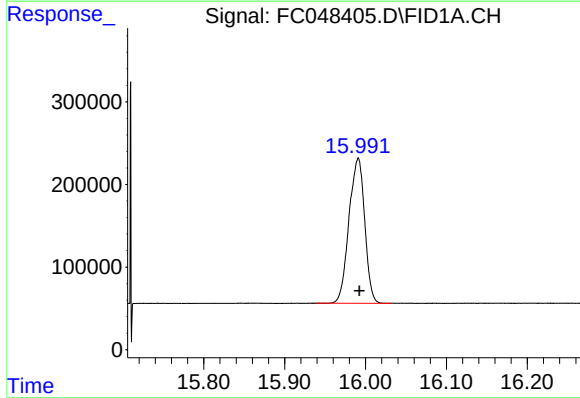
#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: -0.002 min
Response: 2507907
Conc: 19.32 ug/ml



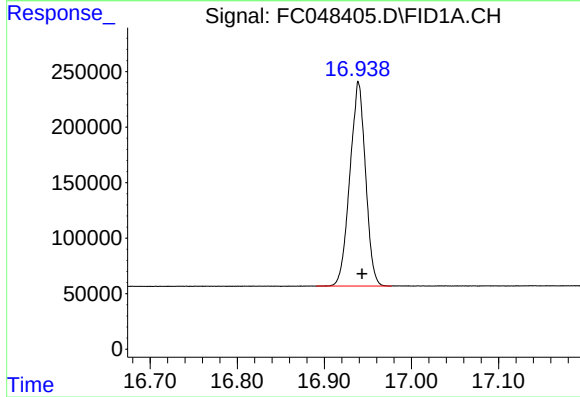
#14 n-Tetracosane (C24)

R.T.: 14.970 min
Delta R.T.: -0.002 min
Response: 2458341
Conc: 18.75 ug/ml



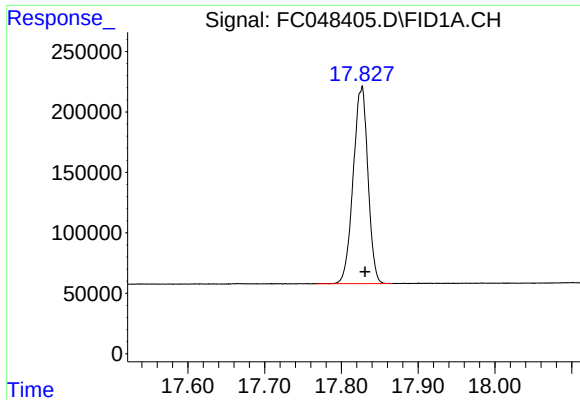
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: -0.001 min
Response: 2370677
Conc: 18.23 ug/ml



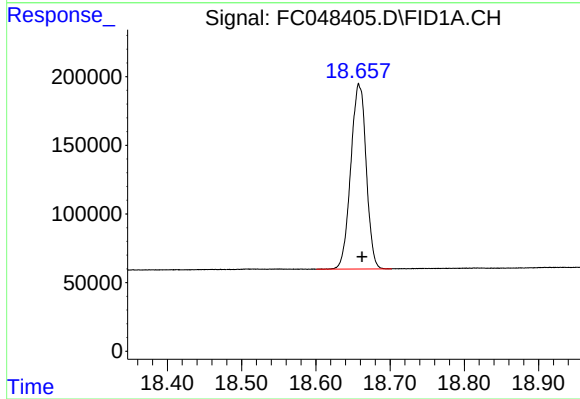
#16 n-Octacosane (C28)

R.T.: 16.939 min
Delta R.T.: -0.004 min
Response: 2294380
Conc: 17.56 ug/ml



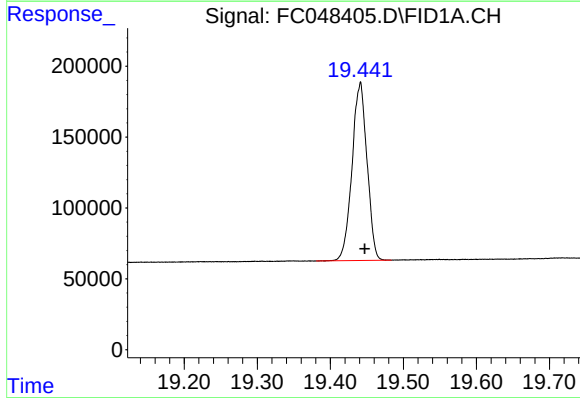
#17 n-Tricontane (C30)

R.T.: 17.827 min
Delta R.T.: -0.004 min
Response: 2174678
Conc: 16.92 ug/ml



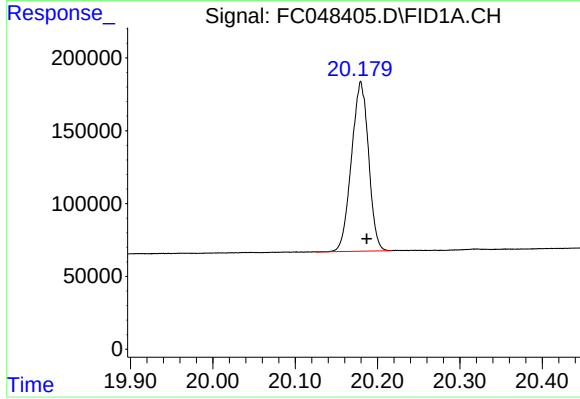
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: -0.004 min
Response: 1944137
Conc: 16.46 ug/ml



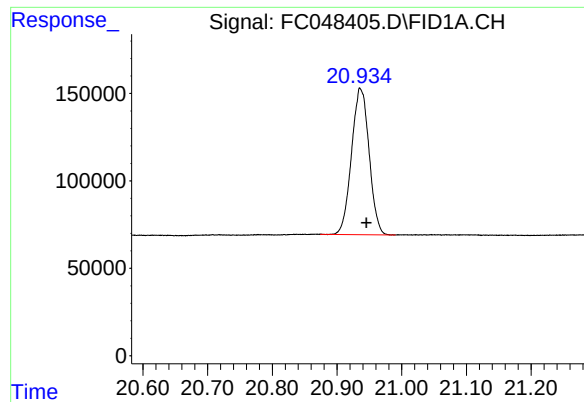
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.006 min
Response: 1788534
Conc: 16.02 ug/ml



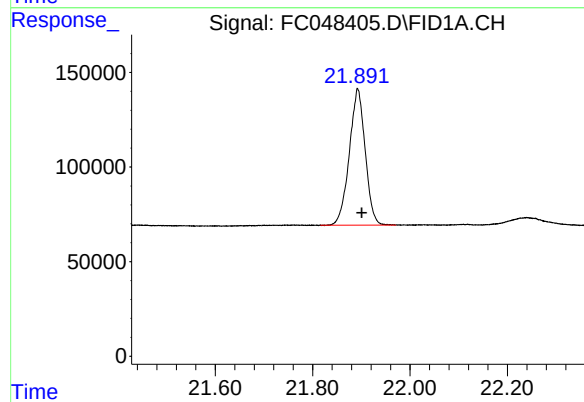
#20 n-Hexatriacontane (C36)

R.T.: 20.180 min
Delta R.T.: -0.007 min
Response: 1673740
Conc: 15.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.936 min
Delta R.T.: -0.010 min
Response: 1577440
Conc: 16.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.893 min
Delta R.T.: -0.009 min
Response: 1629373
Conc: 16.77 ug/ml