

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022522AL\
 Data File : FC058465.D
 Signal(s) : FID1A.CH
 Acq On : 25 Feb 2022 12:01
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 22:03:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.387	2898351	19.899 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
12) S 1-chlorooctadecane (S...	12.820	2324438	20.507 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
Target Compounds			
1) T n-Nonane (C9)	3.243	2412591	20.063 ug/ml
2) T n-Decane (C10)	4.292	2432387	20.440 ug/ml
3) T A~Naphthalene (C11.7)	5.852	2605946	20.079 ug/ml
4) T n-Dodecane (C12)	6.288	2458603	19.986 ug/ml
5) T A~2-methylnaphthalene...	6.897	2611805	20.034 ug/ml
6) T n-Tetradecane (C14)	8.065	2488427	19.859 ug/ml
7) T n-Hexadecane (C16)	9.652	2513079	19.515 ug/ml
8) T n-Octadecane (C18)	11.082	2553662	19.406 ug/ml
10) T n-Eicosane (C20)	12.382	2599675	19.770 ug/ml
11) T n-Heneicosane (C21)	12.989	2584033	19.552 ug/ml
13) T n-Docosane (C22)	13.571	2575448	19.755 ug/ml
14) T n-Tetracosane (C24)	14.667	2557665	19.806 ug/ml
15) T n-Hexacosane (C26)	15.682	2466893	19.942 ug/ml
16) T n-Octacosane (C28)	16.627	2411723	20.261 ug/ml
17) T n-Tricontane (C30)	17.510	2360875	20.974 ug/ml
18) T n-Dotriacontane (C32)	18.339	2284065	21.241 ug/ml
19) T n-Tetratriacontane (C34)	19.120	2095124	21.624 ug/ml
20) T n-Hexatriacontane (C36)	19.856	1998716	22.155 ug/ml
21) T n-Octatriacontane (C38)	20.560	1898007	21.810 ug/ml
22) T n-Tetracontane (C40)	21.383	1820641	21.696 ug/ml

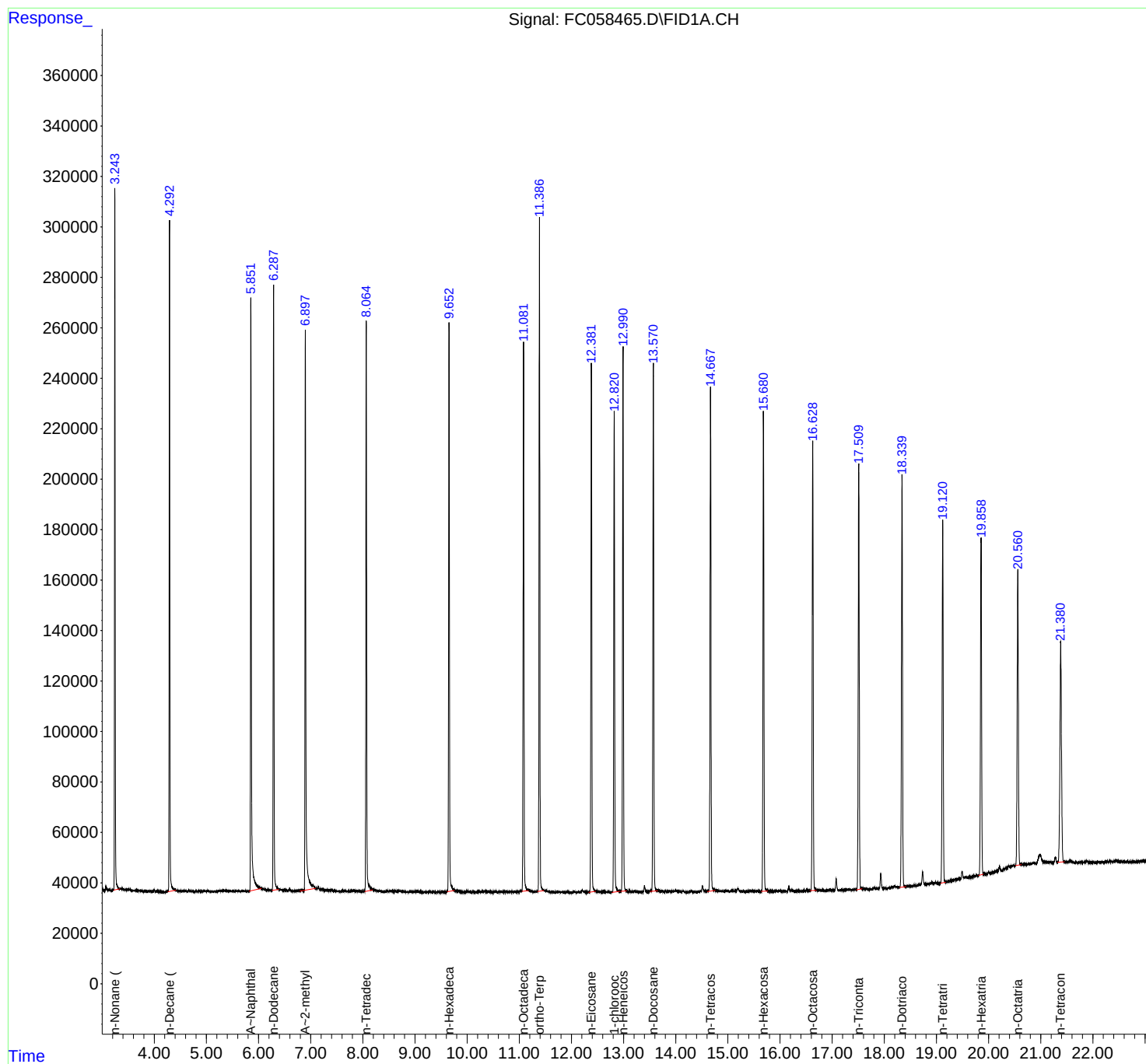
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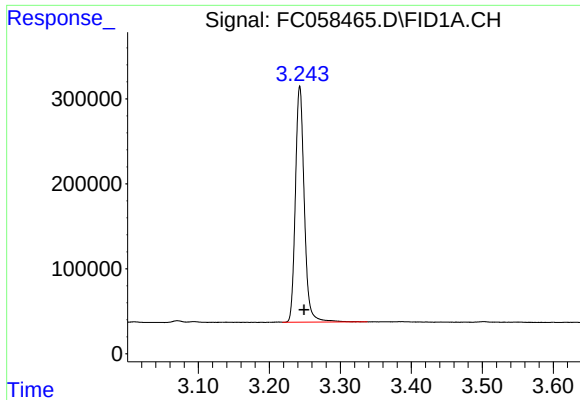
(m)=manual int.

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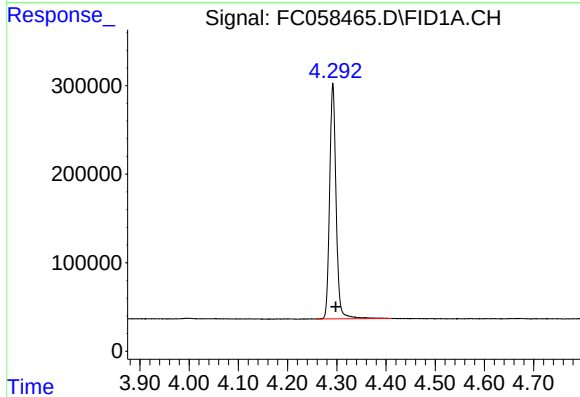
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





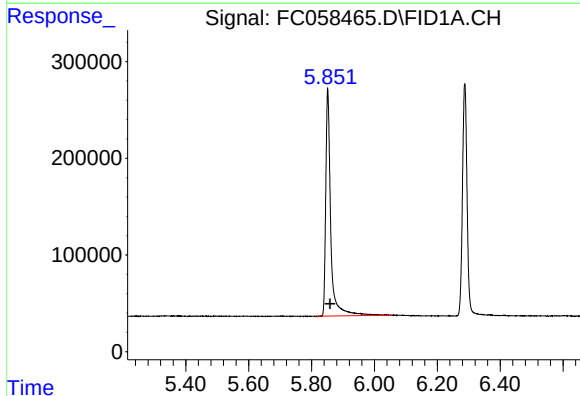
#1 n-Nonane (C9)

R.T.: 3.243 min
Delta R.T.: -0.006 min
Response: 2412591
Conc: 20.06 ug/ml



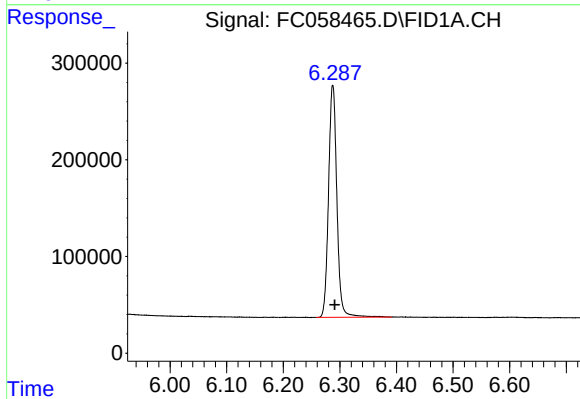
#2 n-Decane (C10)

R.T.: 4.292 min
Delta R.T.: -0.006 min
Response: 2432387
Conc: 20.44 ug/ml



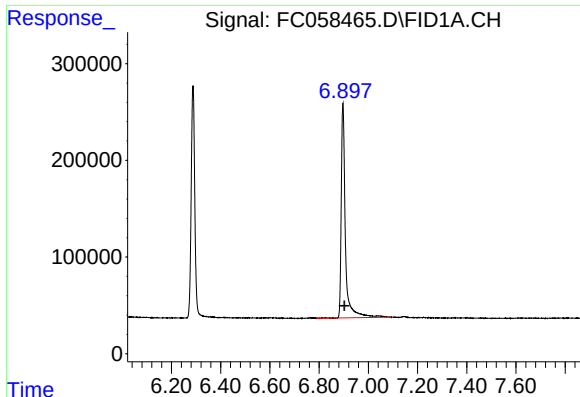
#3 A~Naphthalene (C11.7)

R.T.: 5.852 min
Delta R.T.: -0.007 min
Response: 2605946
Conc: 20.08 ug/ml



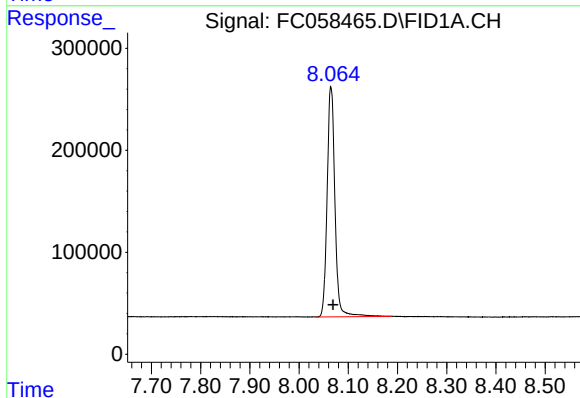
#4 n-Dodecane (C12)

R.T.: 6.288 min
Delta R.T.: -0.004 min
Response: 2458603
Conc: 19.99 ug/ml



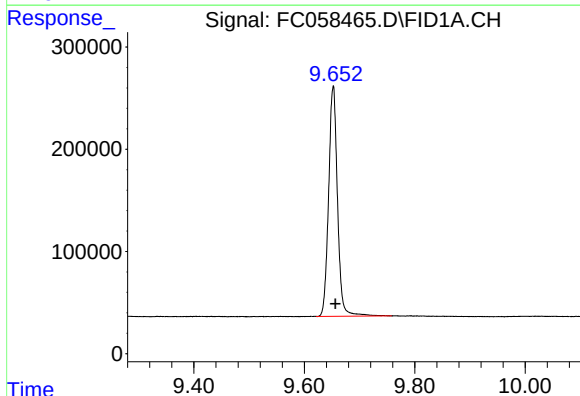
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.897 min
Delta R.T.: -0.006 min
Response: 2611805
Conc: 20.03 ug/ml



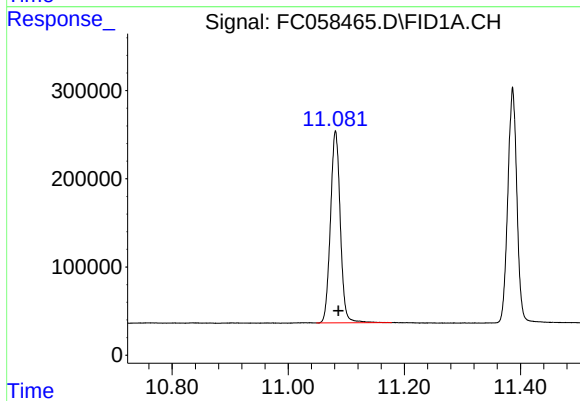
#6 n-Tetradecane (C14)

R.T.: 8.065 min
Delta R.T.: -0.004 min
Response: 2488427
Conc: 19.86 ug/ml



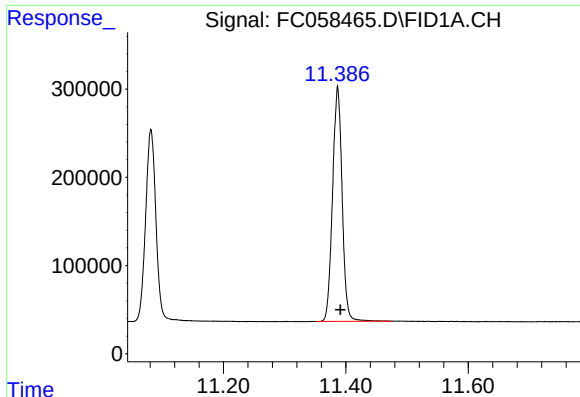
#7 n-Hexadecane (C16)

R.T.: 9.652 min
Delta R.T.: -0.004 min
Response: 2513079
Conc: 19.51 ug/ml



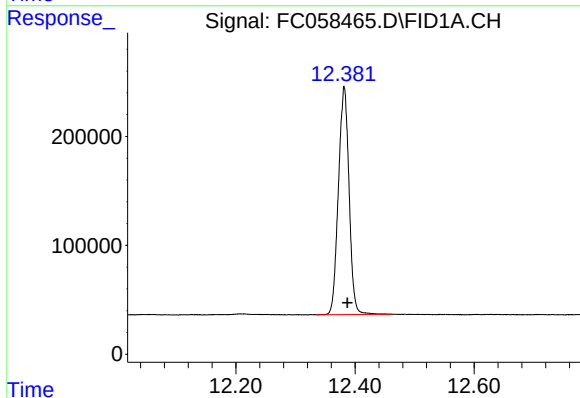
#8 n-Octadecane (C18)

R.T.: 11.082 min
Delta R.T.: -0.005 min
Response: 2553662
Conc: 19.41 ug/ml



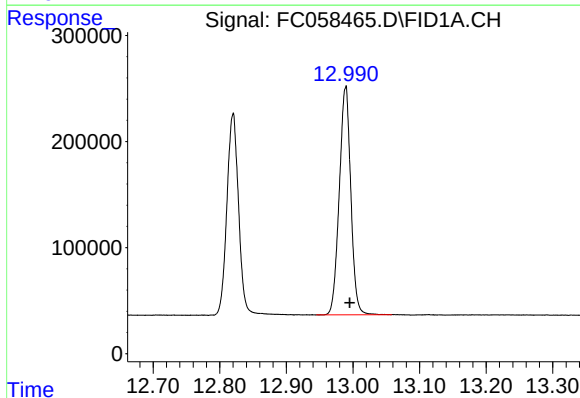
#9 ortho-Terphenyl (SURR)

R.T.: 11.387 min
Delta R.T.: -0.005 min
Response: 2898351
Conc: 19.90 ug/ml



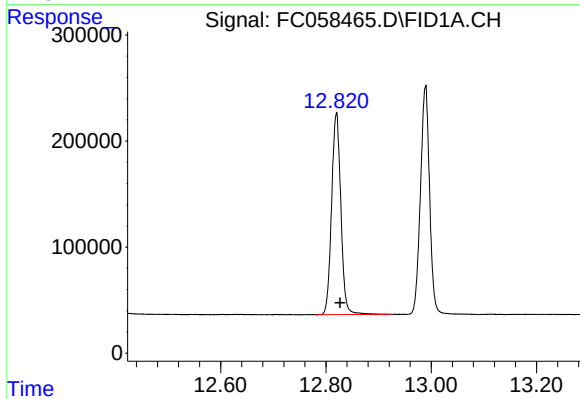
#10 n-Eicosane (C20)

R.T.: 12.382 min
Delta R.T.: -0.006 min
Response: 2599675
Conc: 19.77 ug/ml



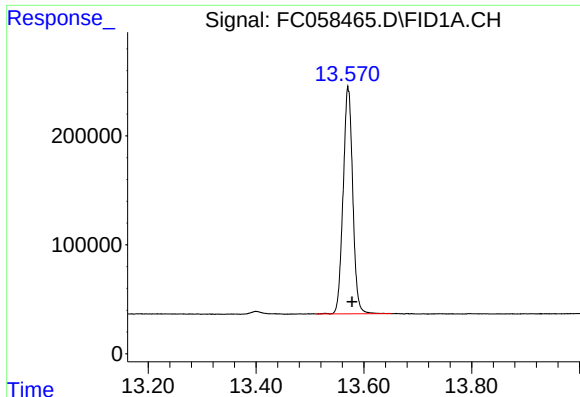
#11 n-Heneicosane (C21)

R.T.: 12.989 min
Delta R.T.: -0.007 min
Response: 2584033
Conc: 19.55 ug/ml



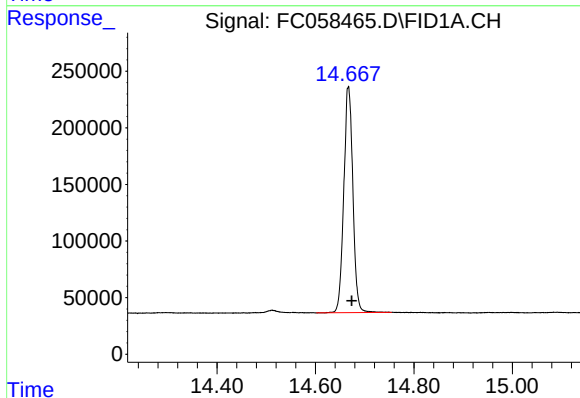
#12 1-chlorooctadecane (SURR)

R.T.: 12.820 min
Delta R.T.: -0.007 min
Response: 2324438
Conc: 20.51 ug/ml



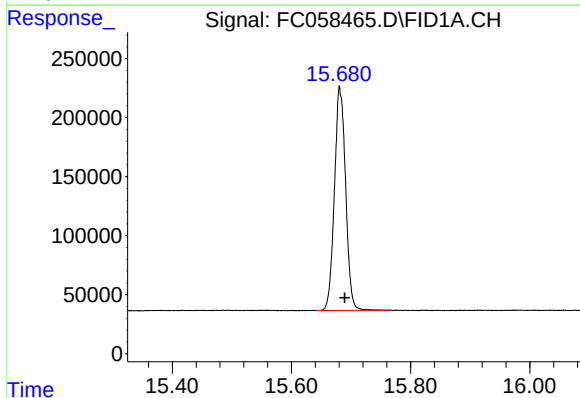
#13 n-Docosane (C22)

R.T.: 13.571 min
Delta R.T.: -0.007 min
Response: 2575448
Conc: 19.75 ug/ml



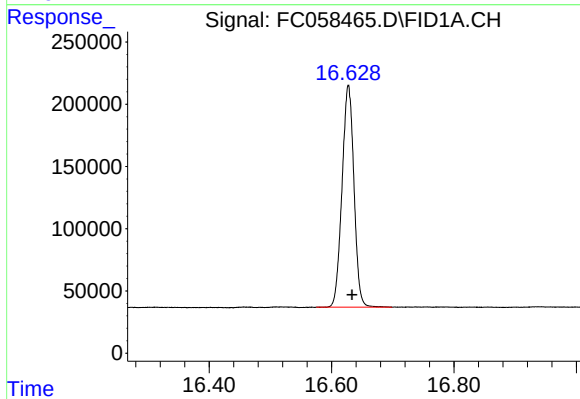
#14 n-Tetracosane (C24)

R.T.: 14.667 min
Delta R.T.: -0.007 min
Response: 2557665
Conc: 19.81 ug/ml



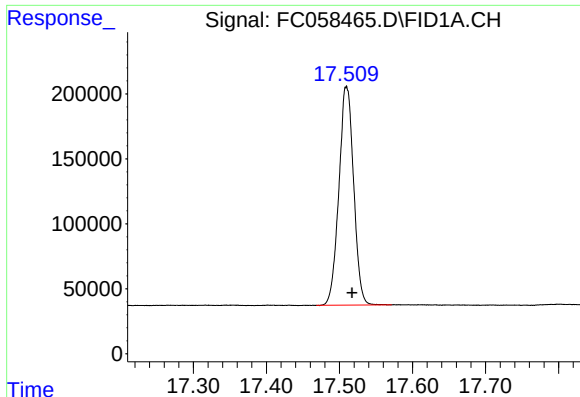
#15 n-Hexacosane (C26)

R.T.: 15.682 min
Delta R.T.: -0.008 min
Response: 2466893
Conc: 19.94 ug/ml



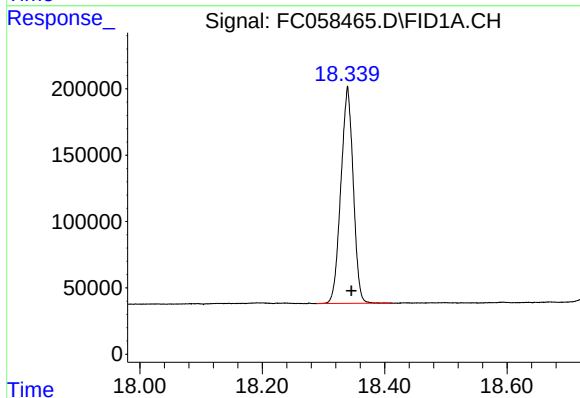
#16 n-Octacosane (C28)

R.T.: 16.627 min
Delta R.T.: -0.006 min
Response: 2411723
Conc: 20.26 ug/ml



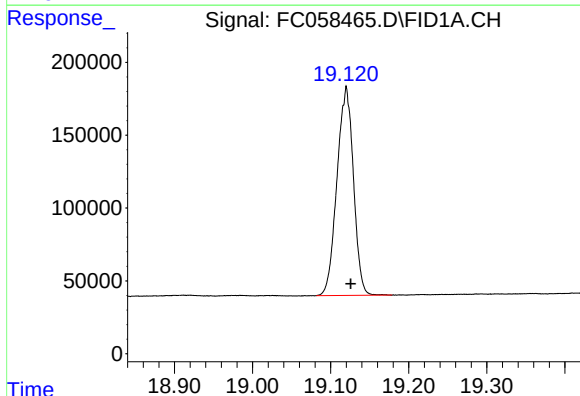
#17 n-Tricontane (C30)

R.T.: 17.510 min
Delta R.T.: -0.007 min
Response: 2360875
Conc: 20.97 ug/ml



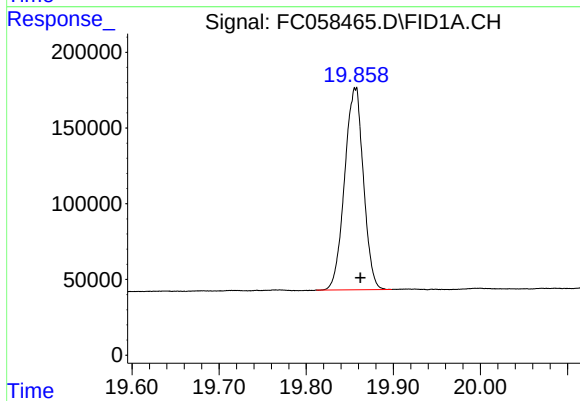
#18 n-Dotriacontane (C32)

R.T.: 18.339 min
Delta R.T.: -0.007 min
Response: 2284065
Conc: 21.24 ug/ml



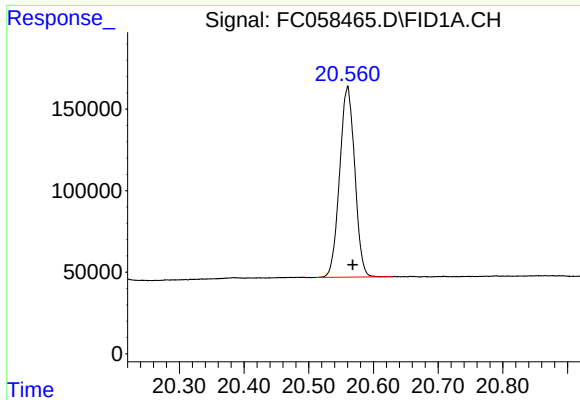
#19 n-Tetratriacontane (C34)

R.T.: 19.120 min
Delta R.T.: -0.006 min
Response: 2095124
Conc: 21.62 ug/ml



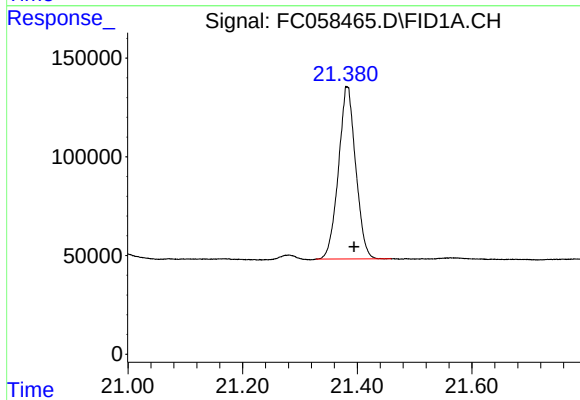
#20 n-Hexatriacontane (C36)

R.T.: 19.856 min
Delta R.T.: -0.006 min
Response: 1998716
Conc: 22.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.560 min
Delta R.T.: -0.008 min
Response: 1898007
Conc: 21.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.383 min
Delta R.T.: -0.012 min
Response: 1820641
Conc: 21.70 ug/ml