

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082419AL\
 Data File : FC043120.D
 Signal(s) : FID1A.CH
 Acq On : 25 Aug 2019 2:45
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 26 07:49:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 26 07:40:52 2019
 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)	11.637	2632012	18.529 ug/ml
Spiked Amount 50.000		Recovery =	37.06%
12) S 1-chlorooctadecane (S...	13.058	2120707	17.866 ug/ml
Spiked Amount 50.000		Recovery =	35.73%
Target Compounds			
1) T n-Nonane (C9)	3.464	2600366	20.969 ug/ml
2) T n-Decane (C10)	4.521	2633241	20.989 ug/ml
3) T A~Naphthalene (C11.7)	6.103	2775555	20.490 ug/ml
4) T n-Dodecane (C12)	6.519	2659848	20.971 ug/ml
5) T A~2-methylnaphthalene...	7.150	2768136	20.349 ug/ml
6) T n-Tetradecane (C14)	8.299	2655600	20.813 ug/ml
7) T n-Hexadecane (C16)	9.885	2626993	20.323 ug/ml
8) T n-Octadecane (C18)	11.316	2587394	19.555 ug/ml
10) T n-Eicosane (C20)	12.616	2535279	18.756 ug/ml
11) T n-Heneicosane (C21)	13.223	2476499	18.321 ug/ml
13) T n-Docosane (C22)	13.806	2429934	17.898 ug/ml
14) T n-Tetracosane (C24)	14.902	2345518	17.226 ug/ml
15) T n-Hexacosane (C26)	15.918	2262787	16.775 ug/ml
16) T n-Octacosane (C28)	16.863	2209380	16.603 ug/ml
17) T n-Tricontane (C30)	17.747	2131128	16.644 ug/ml
18) T n-Dotriacontane (C32)	18.575	1989880	17.066 ug/ml
19) T n-Tetratriacontane (C34)	19.354	1706956	17.767 ug/ml
20) T n-Hexatriacontane (C36)	20.092	1545128	18.626 ug/ml
21) T n-Octatriacontane (C38)	20.824	1614603	21.825 ug/ml
22) T n-Tetracontane (C40)	21.737	1547945	21.430 ug/ml

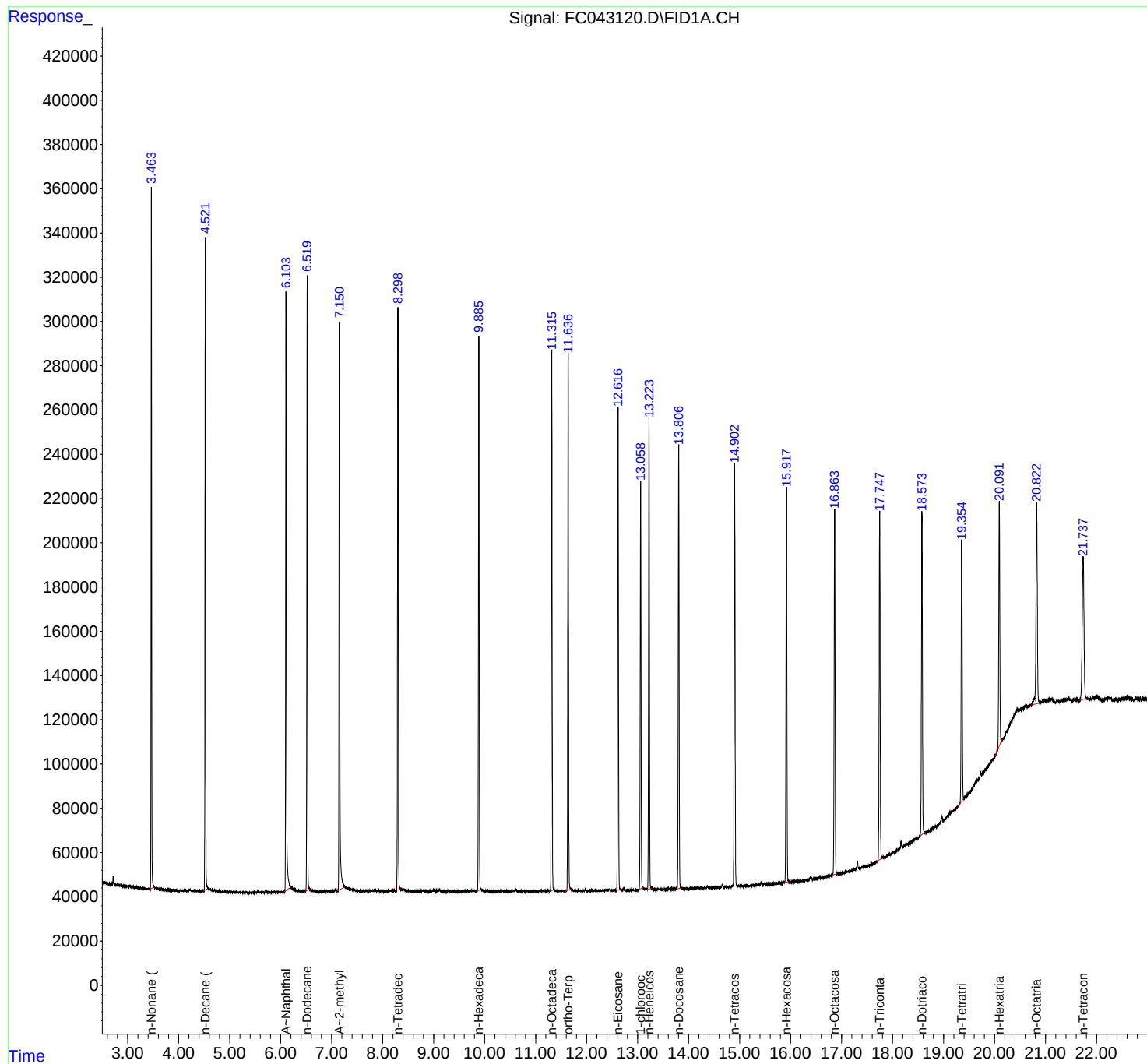
(f)=RT Delta > 1/2 Window

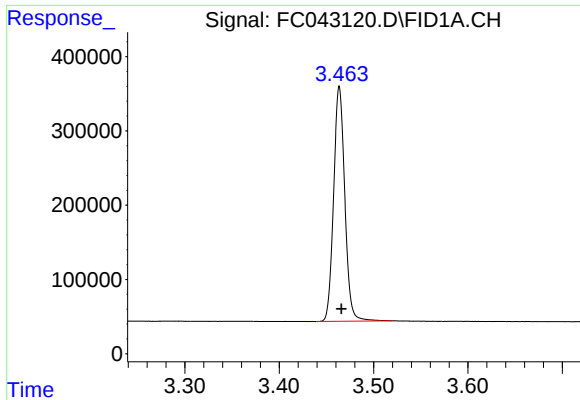
(m)=manual int.

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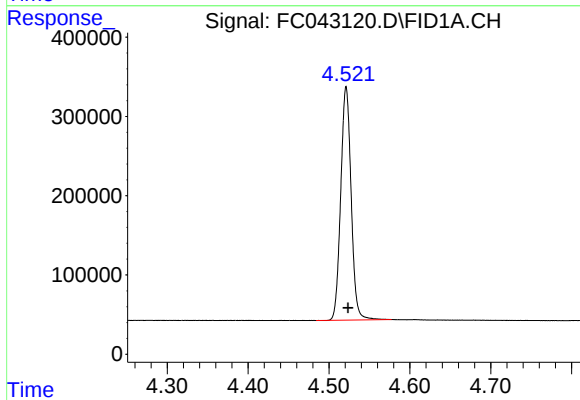
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





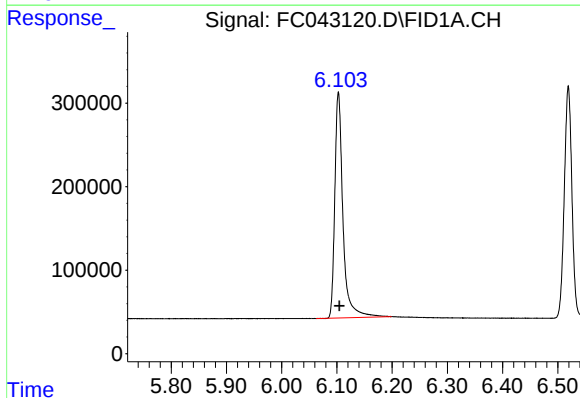
#1 n-Nonane (C9)

R.T.: 3.464 min
Delta R.T.: -0.002 min
Response: 2600366
Conc: 20.97 ug/ml



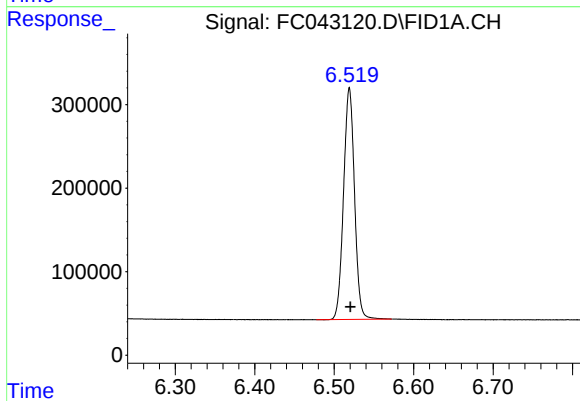
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 2633241
Conc: 20.99 ug/ml



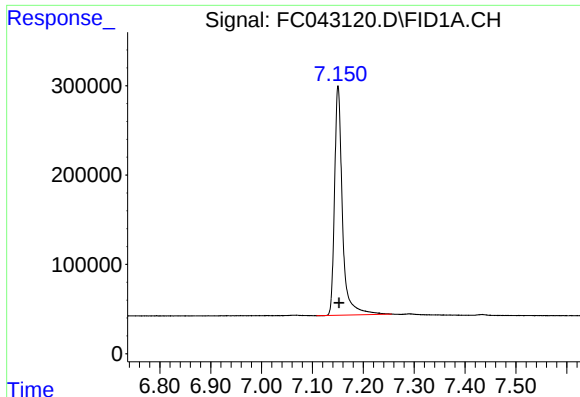
#3 A~Naphthalene (C11.7)

R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 2775555
Conc: 20.49 ug/ml



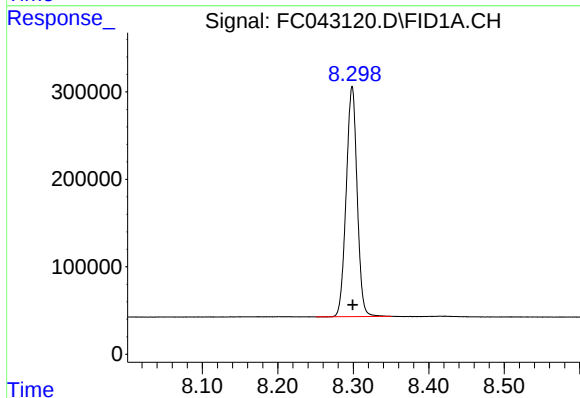
#4 n-Dodecane (C12)

R.T.: 6.519 min
Delta R.T.: -0.002 min
Response: 2659848
Conc: 20.97 ug/ml



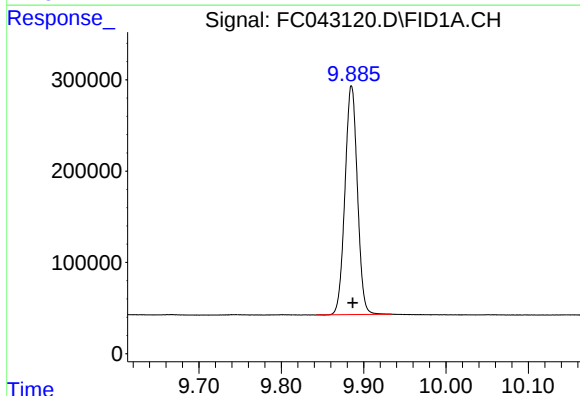
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.150 min
Delta R.T.: -0.002 min
Response: 2768136
Conc: 20.35 ug/ml



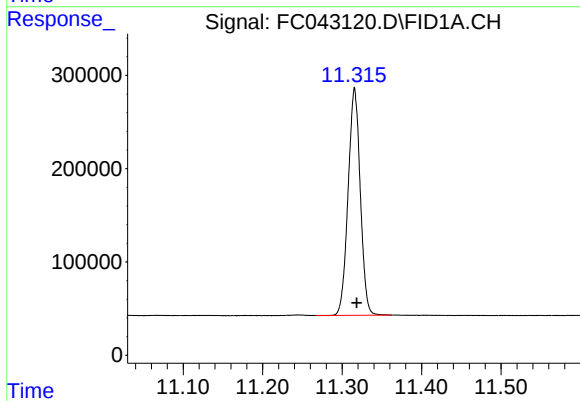
#6 n-Tetradecane (C14)

R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 2655600
Conc: 20.81 ug/ml



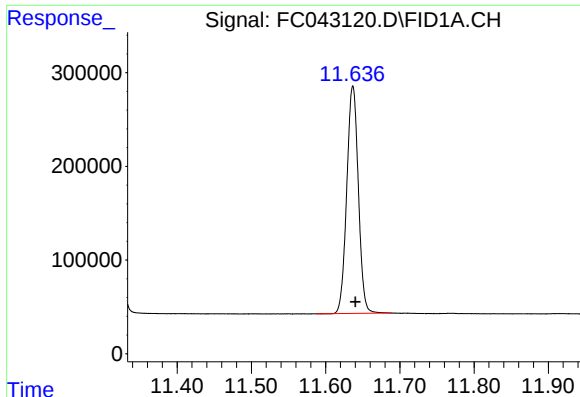
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: -0.001 min
Response: 2626993
Conc: 20.32 ug/ml



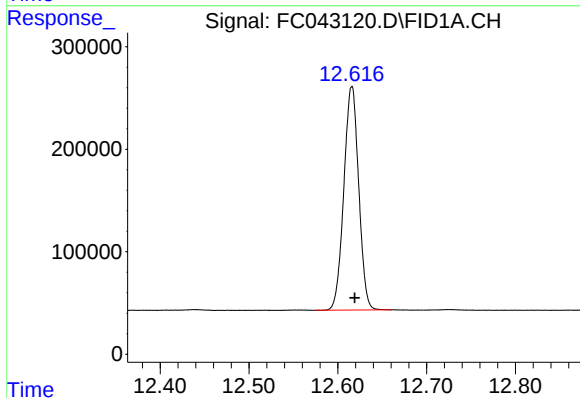
#8 n-Octadecane (C18)

R.T.: 11.316 min
Delta R.T.: -0.002 min
Response: 2587394
Conc: 19.56 ug/ml



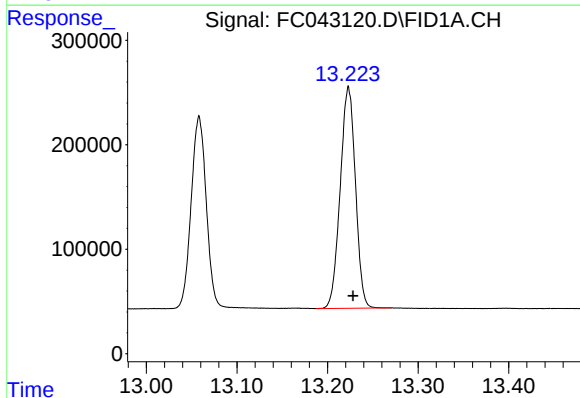
#9 ortho-Terphenyl (SURR)

R.T.: 11.637 min
Delta R.T.: -0.003 min
Response: 2632012
Conc: 18.53 ug/ml



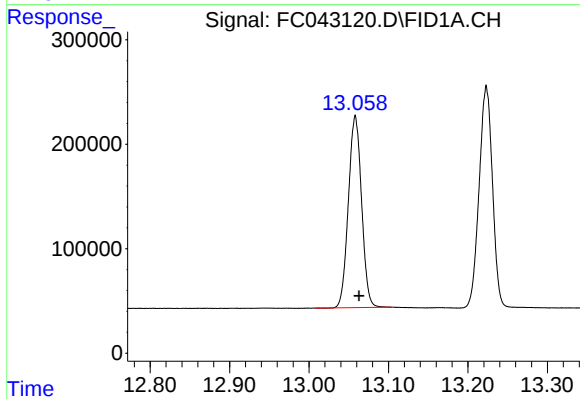
#10 n-Eicosane (C20)

R.T.: 12.616 min
Delta R.T.: -0.003 min
Response: 2535279
Conc: 18.76 ug/ml



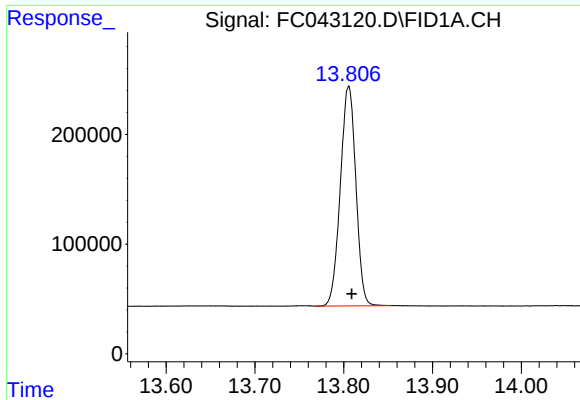
#11 n-Heneicosane (C21)

R.T.: 13.223 min
Delta R.T.: -0.005 min
Response: 2476499
Conc: 18.32 ug/ml



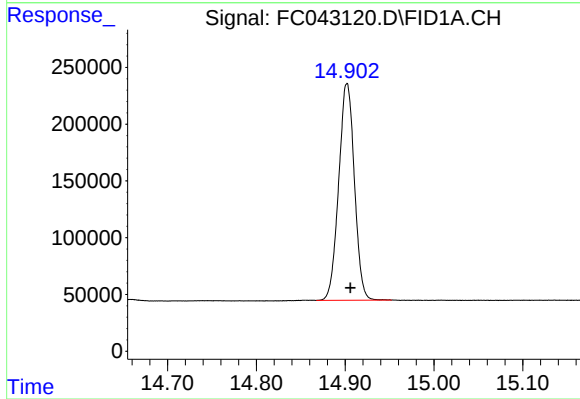
#12 1-chlorooctadecane (SURR)

R.T.: 13.058 min
Delta R.T.: -0.005 min
Response: 2120707
Conc: 17.87 ug/ml



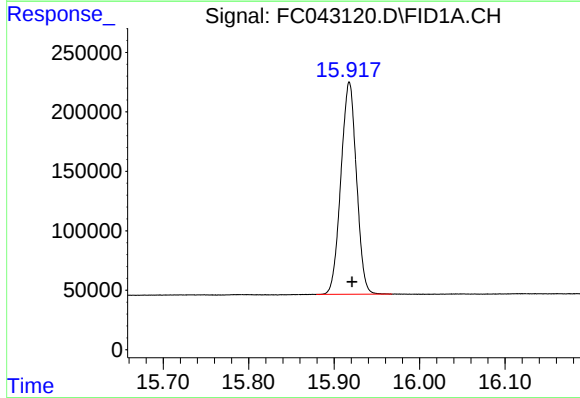
#13 n-Docosane (C22)

R.T.: 13.806 min
Delta R.T.: -0.003 min
Response: 2429934
Conc: 17.90 ug/ml



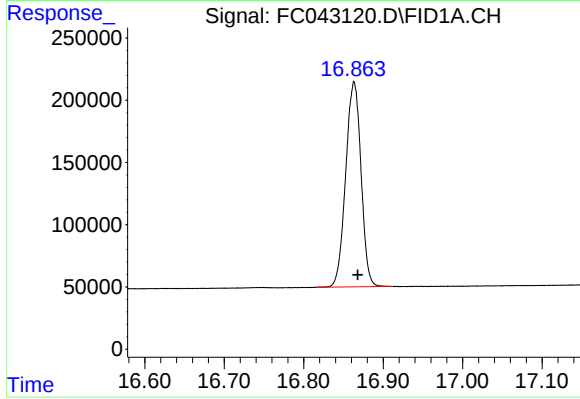
#14 n-Tetracosane (C24)

R.T.: 14.902 min
Delta R.T.: -0.004 min
Response: 2345518
Conc: 17.23 ug/ml



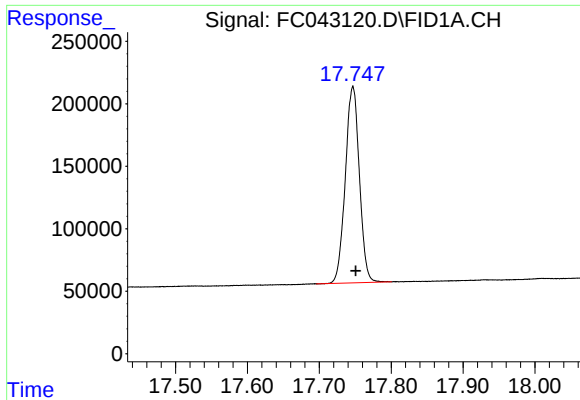
#15 n-Hexacosane (C26)

R.T.: 15.918 min
Delta R.T.: -0.003 min
Response: 2262787
Conc: 16.78 ug/ml



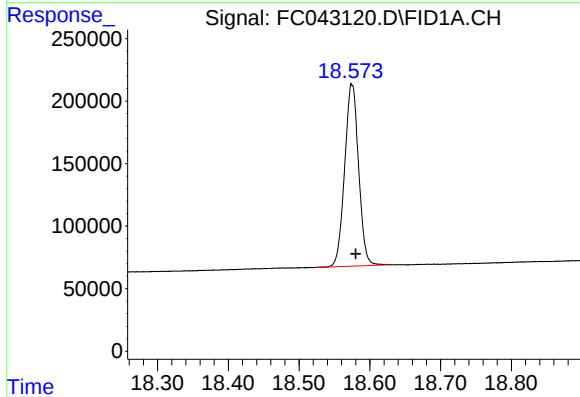
#16 n-Octacosane (C28)

R.T.: 16.863 min
Delta R.T.: -0.005 min
Response: 2209380
Conc: 16.60 ug/ml



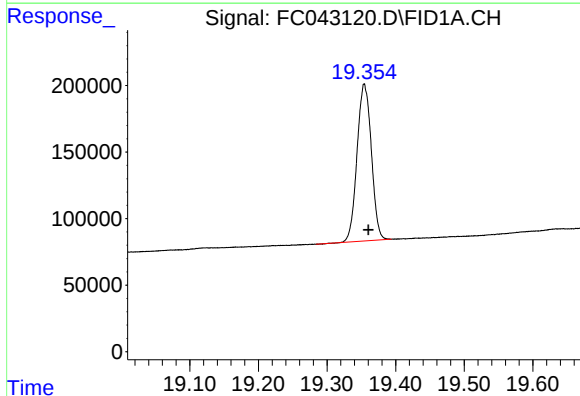
#17 n-Tricontane (C30)

R.T.: 17.747 min
Delta R.T.: -0.004 min
Response: 2131128
Conc: 16.64 ug/ml



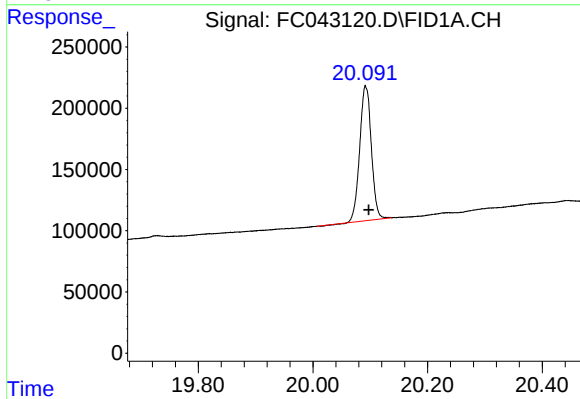
#18 n-Dotriacontane (C32)

R.T.: 18.575 min
Delta R.T.: -0.005 min
Response: 1989880
Conc: 17.07 ug/ml



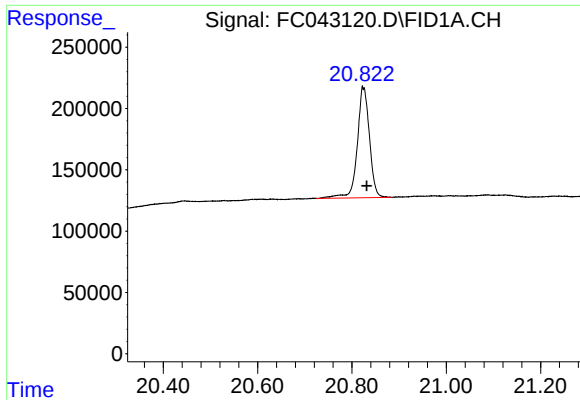
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: -0.006 min
Response: 1706956
Conc: 17.77 ug/ml



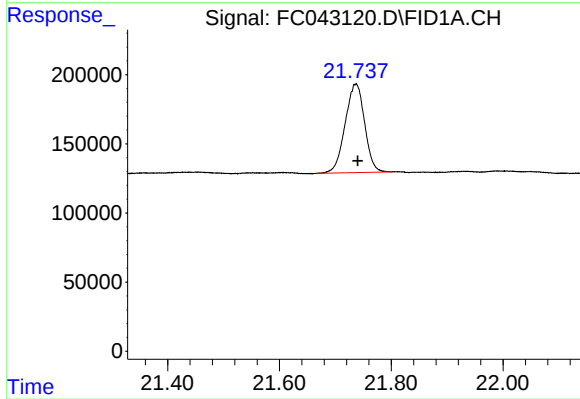
#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: -0.005 min
Response: 1545128
Conc: 18.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.824 min
Delta R.T.: -0.008 min
Response: 1614603
Conc: 21.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.737 min
Delta R.T.: -0.003 min
Response: 1547945
Conc: 21.43 ug/ml