

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082020AL\
 Data File : FC049143.D
 Signal(s) : FID1A.CH
 Acq On : 21 Aug 2020 9:41
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 21 10:09:02 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)	11.679	2384751	20.071 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
12) S 1-chlorooctadecane (S...	13.111	1928300	19.822 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
Target Compounds			
1) T n-Nonane (C9)	3.408	2143371	20.550 ug/ml
2) T n-Decane (C10)	4.484	2195422	20.931 ug/ml
3) T A~Naphthalene (C11.7)	6.084	2495215	21.098 ug/ml
4) T n-Dodecane (C12)	6.511	2244093	21.158 ug/ml
5) T A~2-methylnaphthalene...	7.145	2551813	21.165 ug/ml
6) T n-Tetradecane (C14)	8.310	2247622	21.343 ug/ml
7) T n-Hexadecane (C16)	9.912	2220373	21.154 ug/ml
8) T n-Octadecane (C18)	11.356	2287426	20.821 ug/ml
10) T n-Eicosane (C20)	12.666	2264001	20.345 ug/ml
11) T n-Heneicosane (C21)	13.278	2229590	19.959 ug/ml
13) T n-Docosane (C22)	13.864	2198189	19.557 ug/ml
14) T n-Tetracosane (C24)	14.966	2121825	18.664 ug/ml
15) T n-Hexacosane (C26)	15.985	2032037	17.760 ug/ml
16) T n-Octacosane (C28)	16.936	1977533	16.998 ug/ml
17) T n-Tricontane (C30)	17.822	1917730	16.590 ug/ml
18) T n-Dotriacontane (C32)	18.653	1774319	16.410 ug/ml
19) T n-Tetratriacontane (C34)	19.436	1686215	16.258 ug/ml
20) T n-Hexatriacontane (C36)	20.173	1634607	16.440 ug/ml

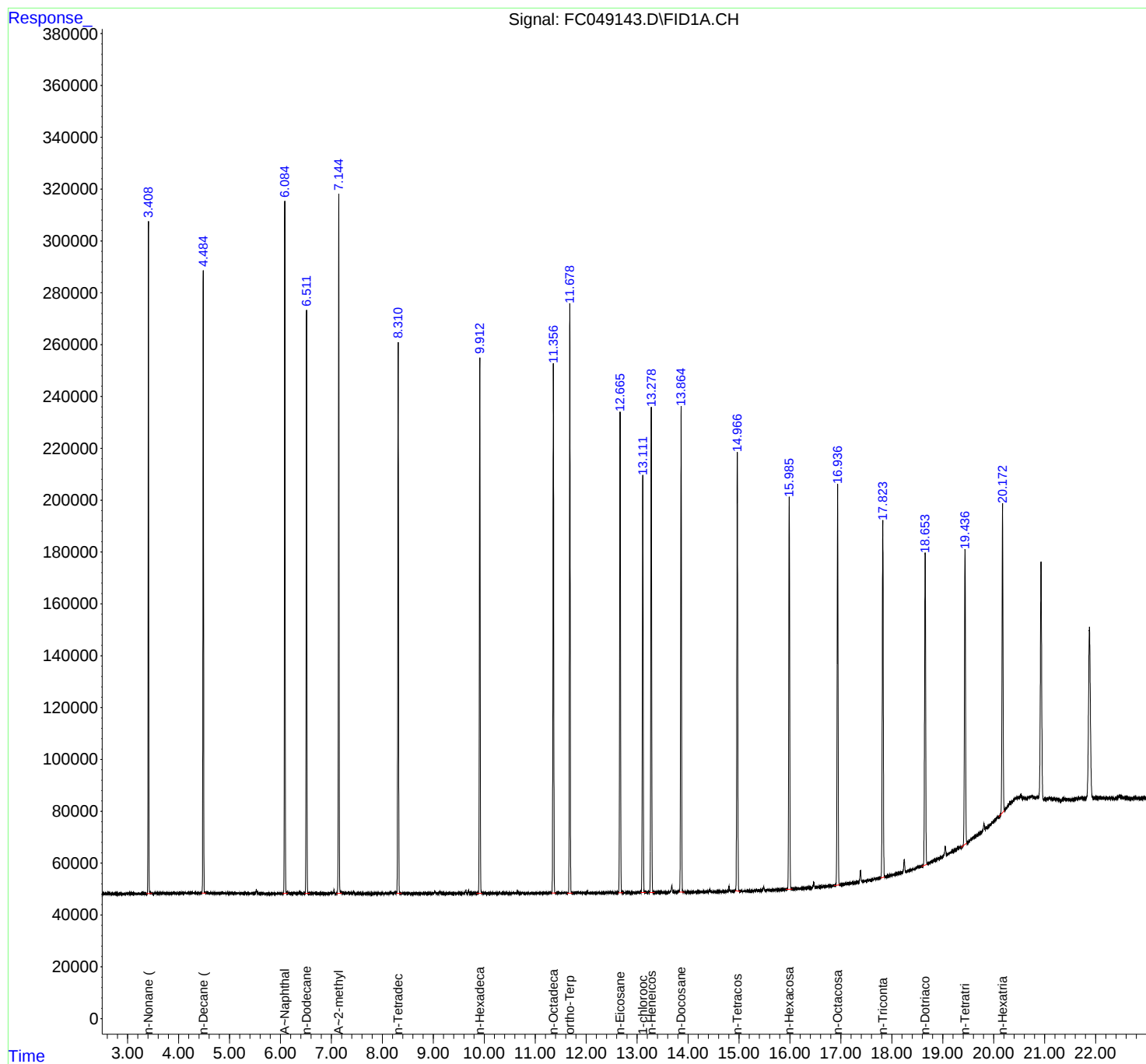
(f)=RT Delta > 1/2 Window

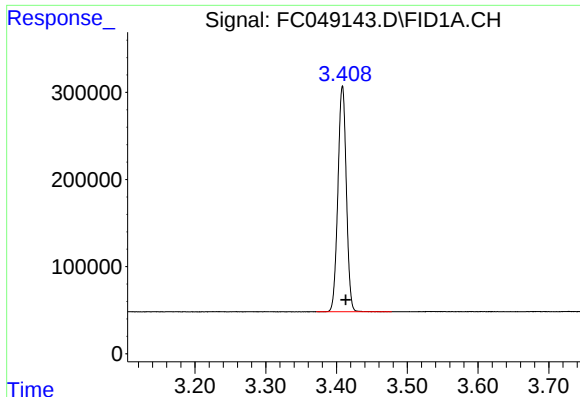
(m)=manual int.

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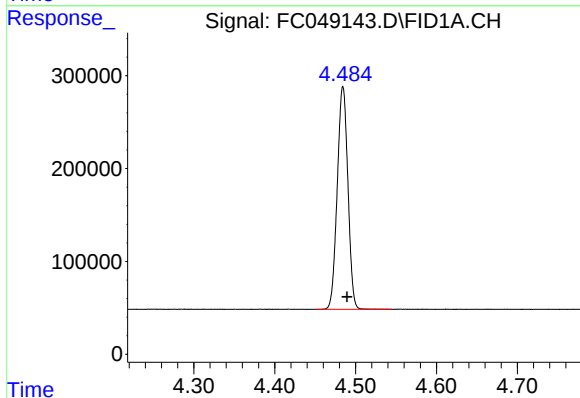
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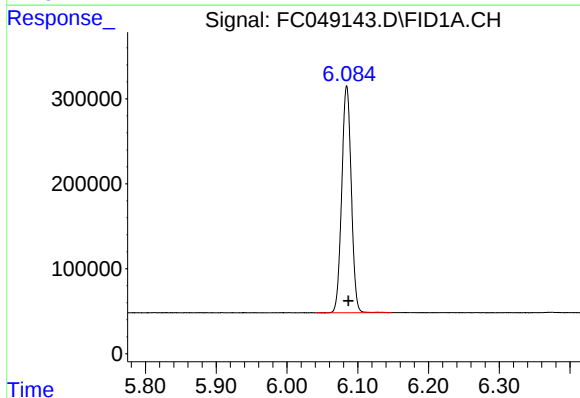
#1 n-Nonane (C9)

R.T.: 3.408 min
Delta R.T.: -0.005 min
Response: 2143371
Conc: 20.55 ug/ml



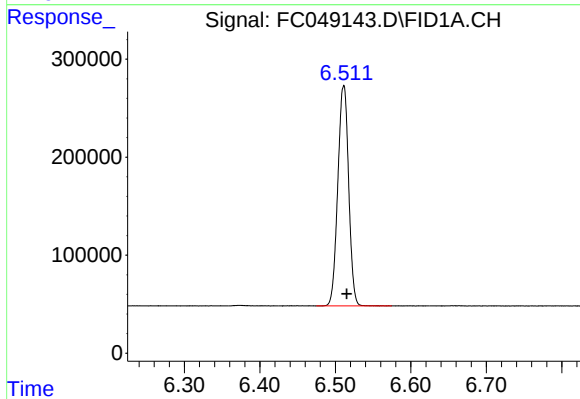
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.005 min
Response: 2195422
Conc: 20.93 ug/ml



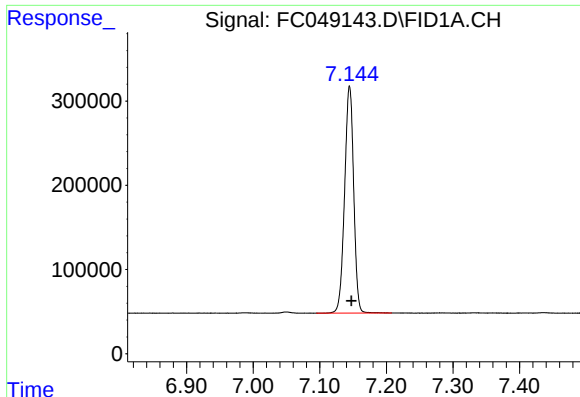
#3 A~Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: -0.002 min
Response: 2495215
Conc: 21.10 ug/ml



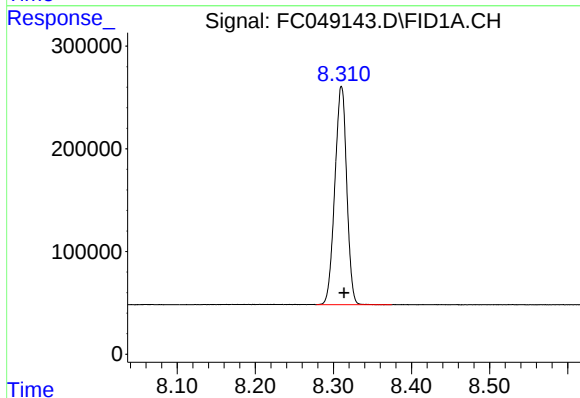
#4 n-Dodecane (C12)

R.T.: 6.511 min
Delta R.T.: -0.004 min
Response: 2244093
Conc: 21.16 ug/ml



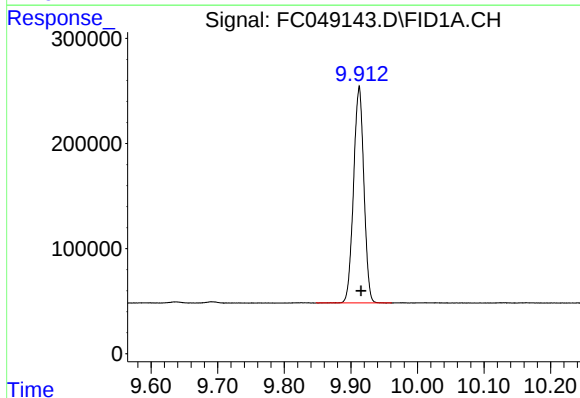
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.145 min
Delta R.T.: -0.003 min
Response: 2551813
Conc: 21.16 ug/ml



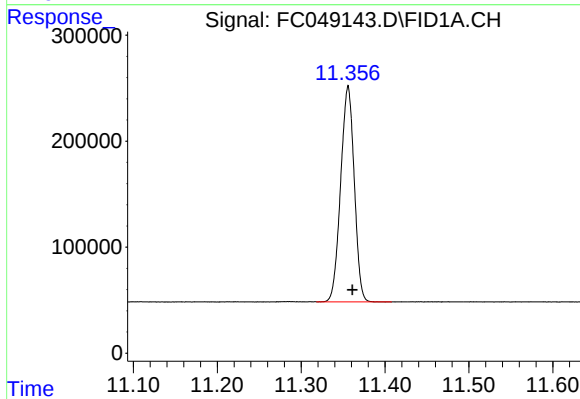
#6 n-Tetradecane (C14)

R.T.: 8.310 min
Delta R.T.: -0.003 min
Response: 2247622
Conc: 21.34 ug/ml



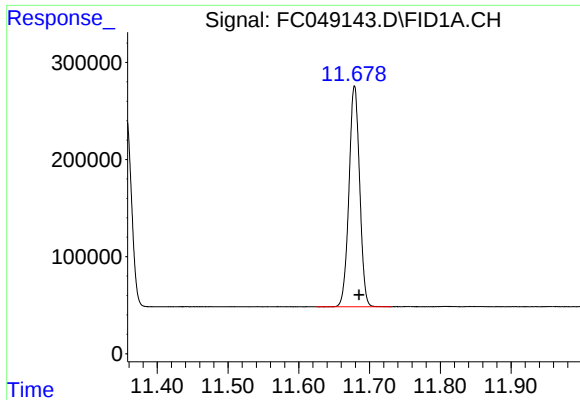
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.003 min
Response: 2220373
Conc: 21.15 ug/ml



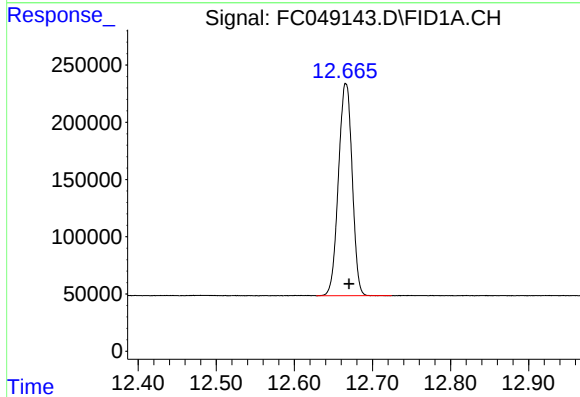
#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: -0.005 min
Response: 2287426
Conc: 20.82 ug/ml



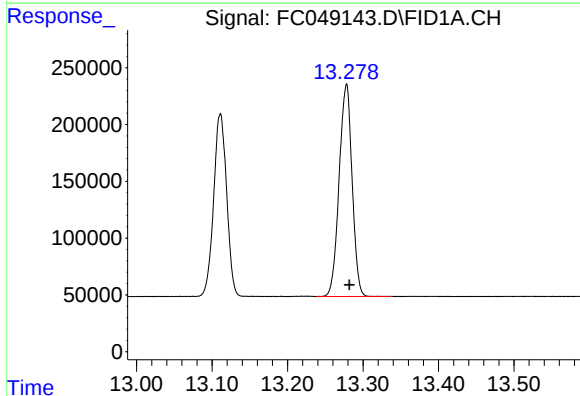
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: -0.007 min
Response: 2384751
Conc: 20.07 ug/ml



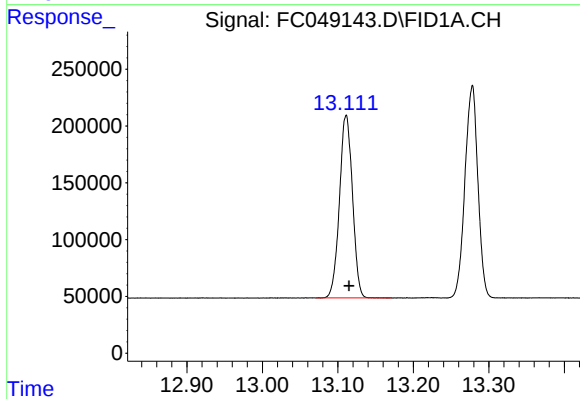
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.004 min
Response: 2264001
Conc: 20.34 ug/ml



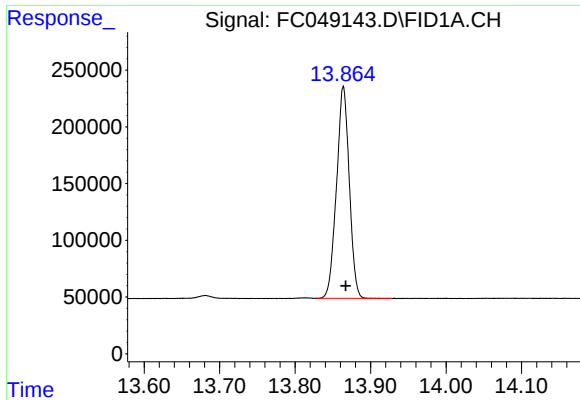
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: -0.004 min
Response: 2229590
Conc: 19.96 ug/ml



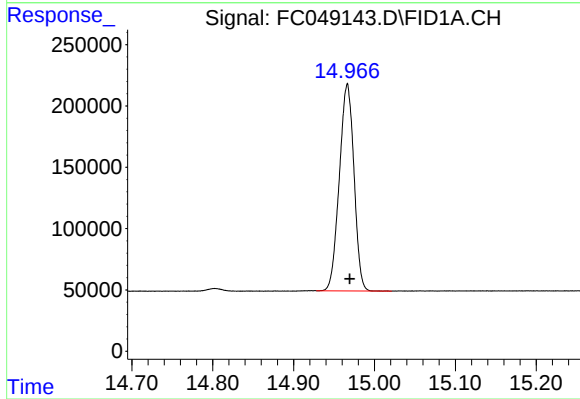
#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: -0.004 min
Response: 1928300
Conc: 19.82 ug/ml



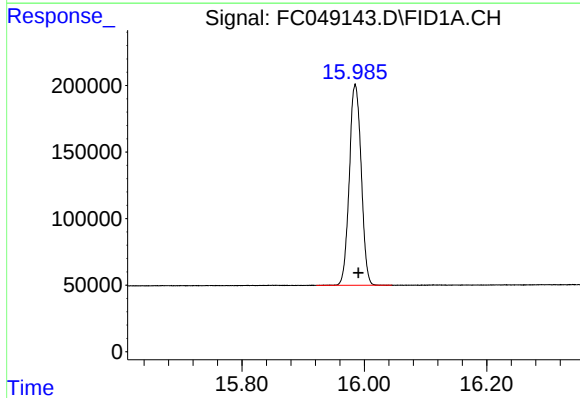
#13 n-Docosane (C22)

R.T.: 13.864 min
Delta R.T.: -0.003 min
Response: 2198189
Conc: 19.56 ug/ml



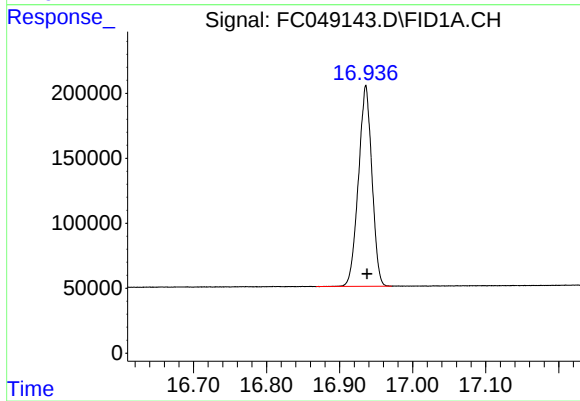
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: -0.003 min
Response: 2121825
Conc: 18.66 ug/ml



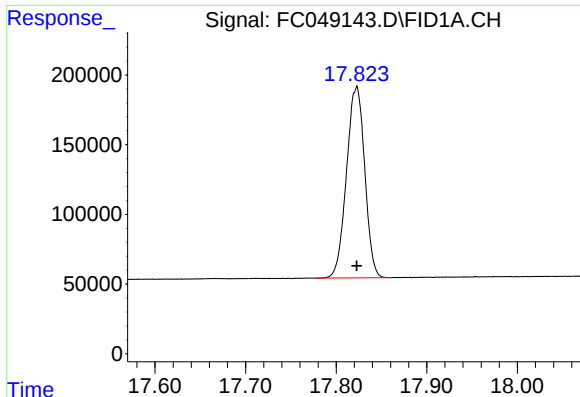
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: -0.005 min
Response: 2032037
Conc: 17.76 ug/ml



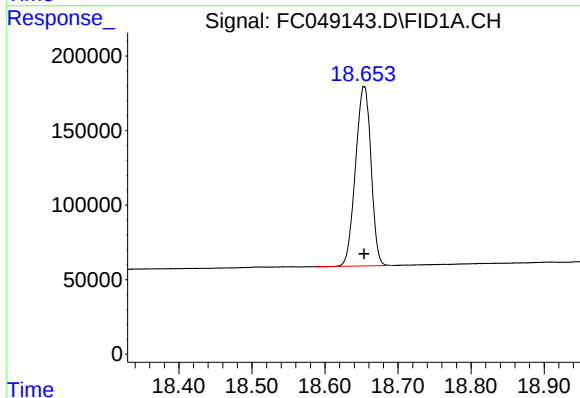
#16 n-Octacosane (C28)

R.T.: 16.936 min
Delta R.T.: -0.002 min
Response: 1977533
Conc: 17.00 ug/ml



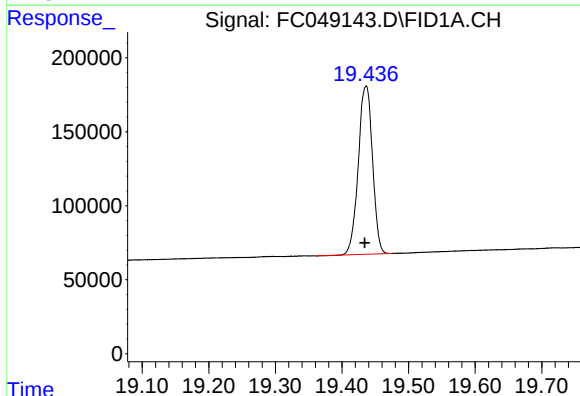
#17 n-Tricontane (C30)

R.T.: 17.822 min
Delta R.T.: 0.000 min
Response: 1917730
Conc: 16.59 ug/ml



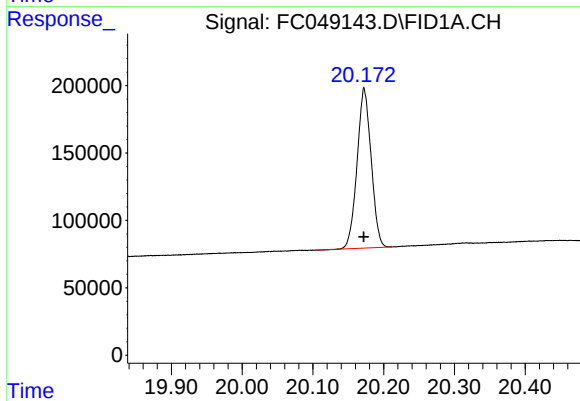
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: 0.000 min
Response: 1774319
Conc: 16.41 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.436 min
Delta R.T.: 0.002 min
Response: 1686215
Conc: 16.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.173 min
Delta R.T.: 0.000 min
Response: 1634607
Conc: 16.44 ug/ml