

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081920AL\
 Data File : FC049090.D
 Signal(s) : FID1A.CH
 Acq On : 19 Aug 2020 12:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 01:59:46 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	2663606	22.418 ug/ml
Spiked Amount 50.000		Recovery =	44.84%
12) S 1-chlorooctadecane (S...	13.112	2161316	22.217 ug/ml
Spiked Amount 50.000		Recovery =	44.43%
Target Compounds			
1) T n-Nonane (C9)	3.409	2348214	22.514 ug/ml
2) T n-Decane (C10)	4.484	2398855	22.871 ug/ml
3) T A~Naphthalene (C11.7)	6.083	2719931	22.999 ug/ml
4) T n-Dodecane (C12)	6.511	2446365	23.065 ug/ml
5) T A~2-methylnaphthalene...	7.143	2787443	23.119 ug/ml
6) T n-Tetradecane (C14)	8.310	2445459	23.222 ug/ml
7) T n-Hexadecane (C16)	9.914	2426978	23.122 ug/ml
8) T n-Octadecane (C18)	11.357	2522370	22.960 ug/ml
10) T n-Eicosane (C20)	12.666	2524311	22.684 ug/ml
11) T n-Heneicosane (C21)	13.278	2494114	22.327 ug/ml
13) T n-Docosane (C22)	13.865	2495455	22.201 ug/ml
14) T n-Tetracosane (C24)	14.966	2471807	21.742 ug/ml
15) T n-Hexacosane (C26)	15.987	2363078	20.653 ug/ml
16) T n-Octacosane (C28)	16.937	2293055	19.710 ug/ml
17) T n-Tricontane (C30)	17.821	2191555	18.958 ug/ml
18) T n-Dotriacontane (C32)	18.652	1981729	18.328 ug/ml
19) T n-Tetratriacontane (C34)	19.434	1850555	17.842 ug/ml
20) T n-Hexatriacontane (C36)	20.172	1790299	18.006 ug/mlm
21) T n-Octatriacontane (C38)	20.928	1744284	18.446 ug/ml
22) T n-Tetracontane (C40)	21.878	1800643	18.862 ug/ml

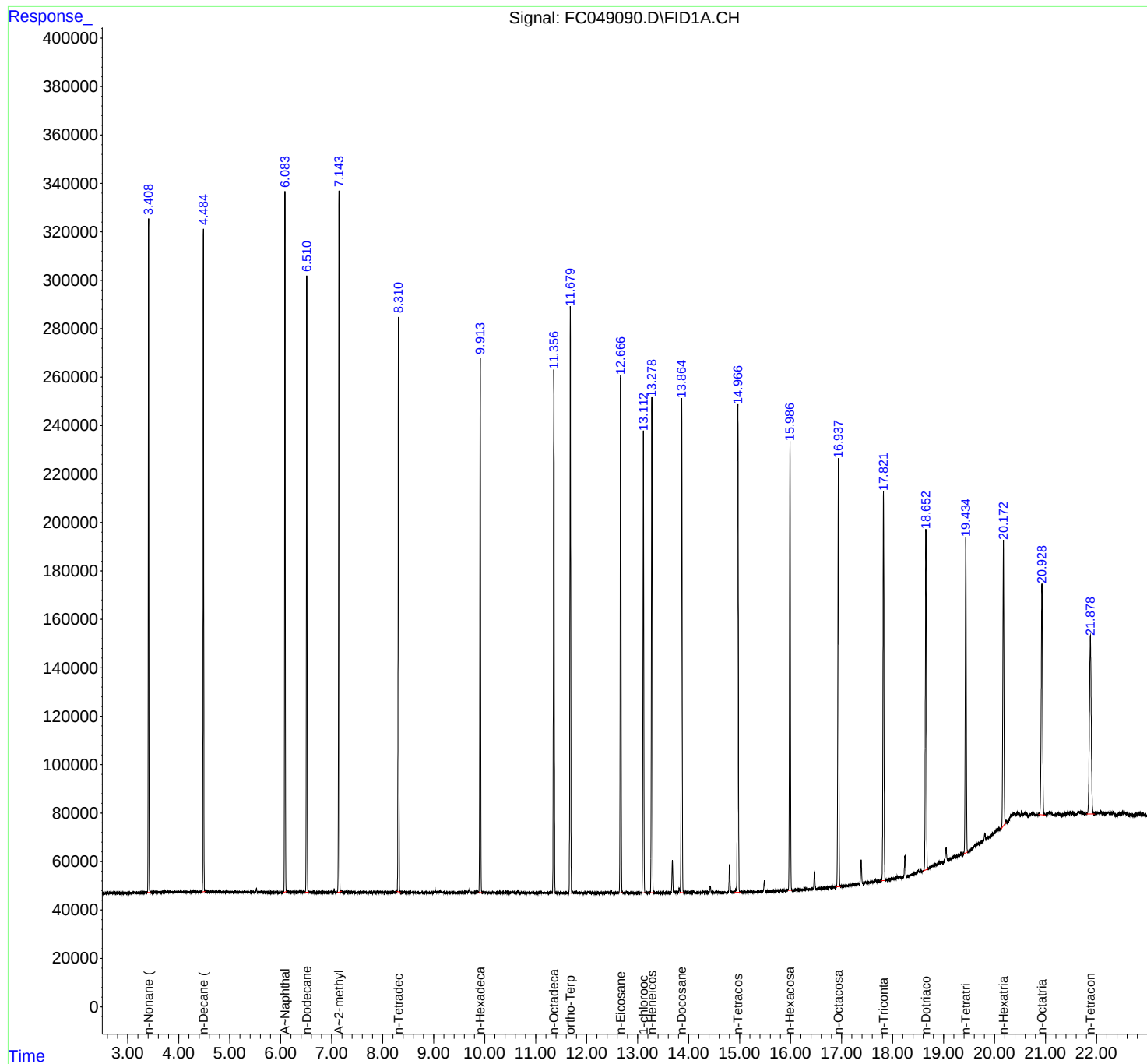
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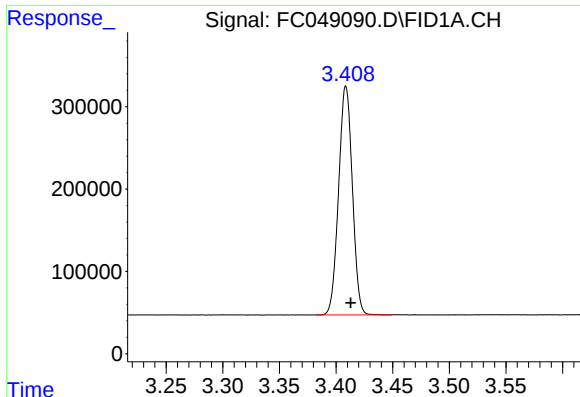
(m)=manual int.

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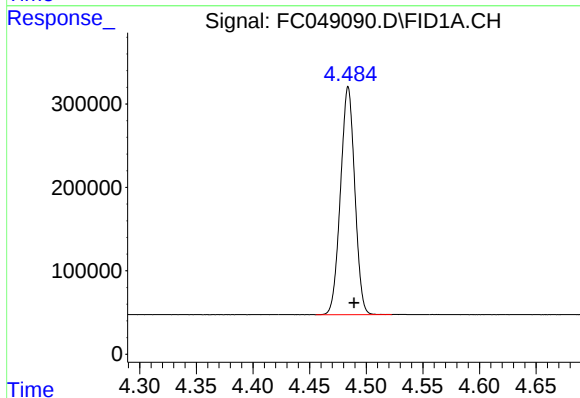
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





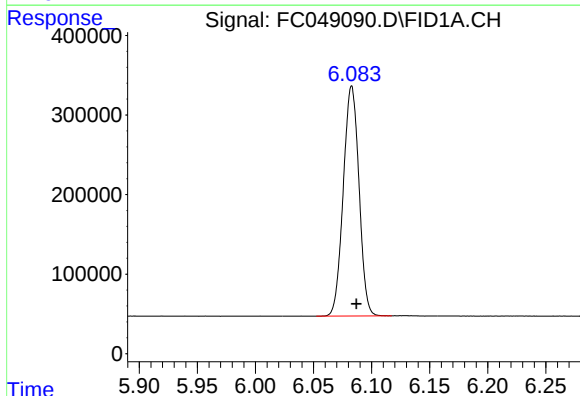
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: -0.004 min
Response: 2348214
Conc: 22.51 ug/ml



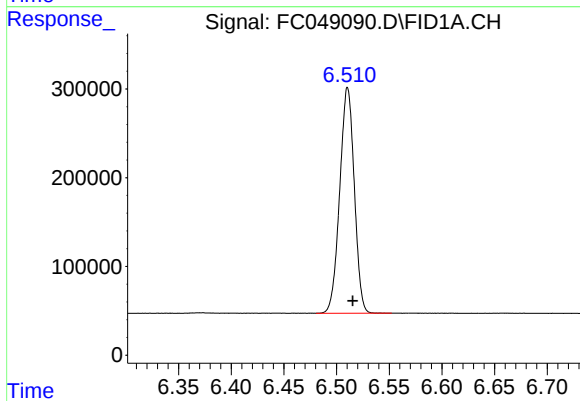
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.005 min
Response: 2398855
Conc: 22.87 ug/ml



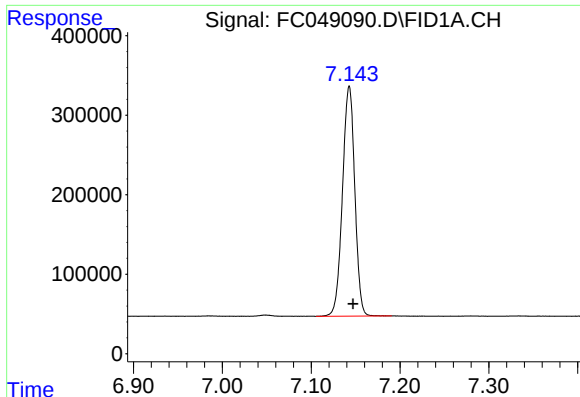
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.004 min
Response: 2719931
Conc: 23.00 ug/ml



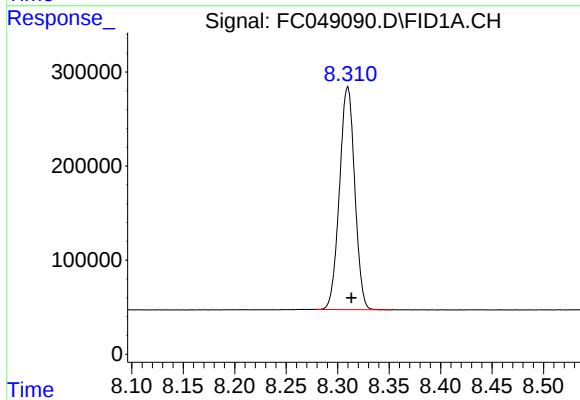
#4 n-Dodecane (C12)

R.T.: 6.511 min
Delta R.T.: -0.005 min
Response: 2446365
Conc: 23.06 ug/ml



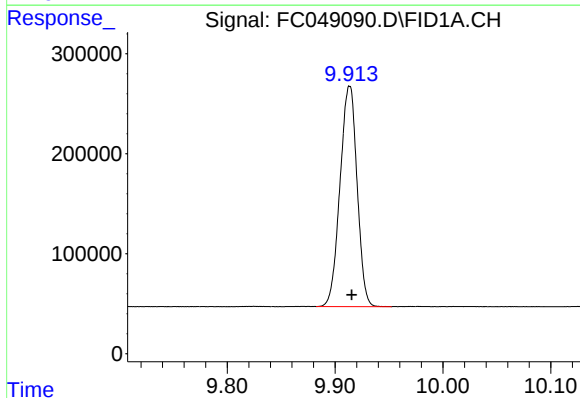
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.143 min
Delta R.T.: -0.004 min
Response: 2787443
Conc: 23.12 ug/ml



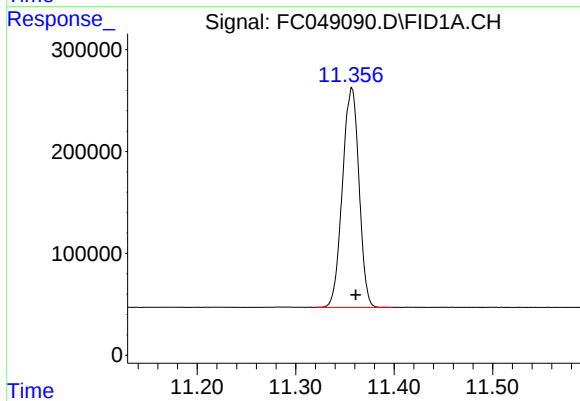
#6 n-Tetradecane (C14)

R.T.: 8.310 min
Delta R.T.: -0.004 min
Response: 2445459
Conc: 23.22 ug/ml



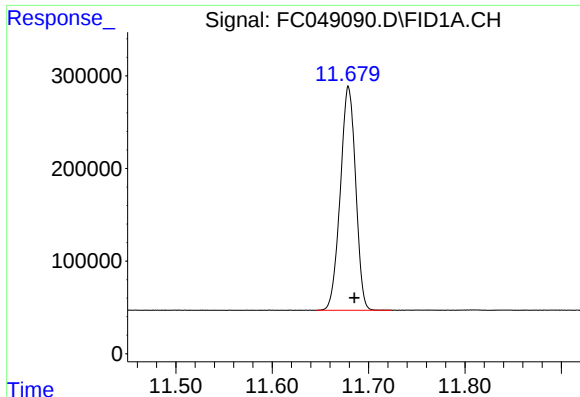
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: -0.002 min
Response: 2426978
Conc: 23.12 ug/ml



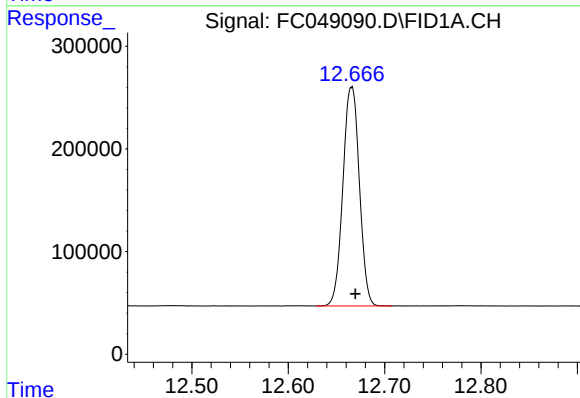
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.004 min
Response: 2522370
Conc: 22.96 ug/ml



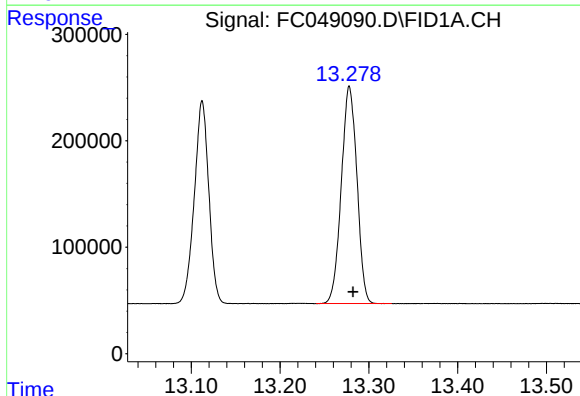
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: -0.006 min
Response: 2663606
Conc: 22.42 ug/ml



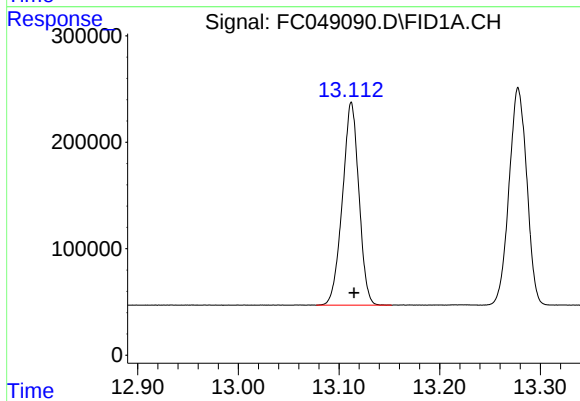
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.004 min
Response: 2524311
Conc: 22.68 ug/ml



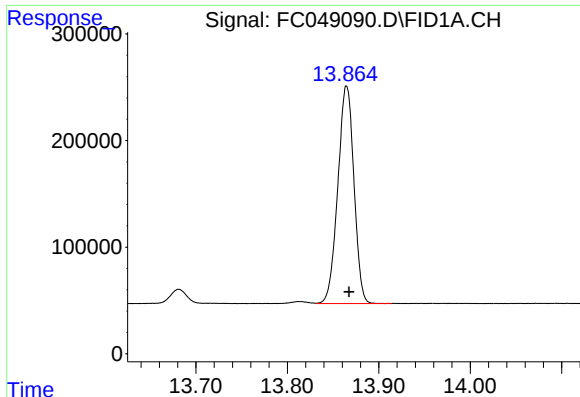
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: -0.004 min
Response: 2494114
Conc: 22.33 ug/ml



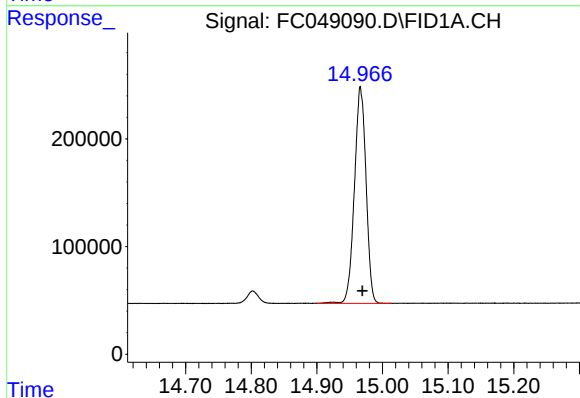
#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min
Delta R.T.: -0.003 min
Response: 2161316
Conc: 22.22 ug/ml



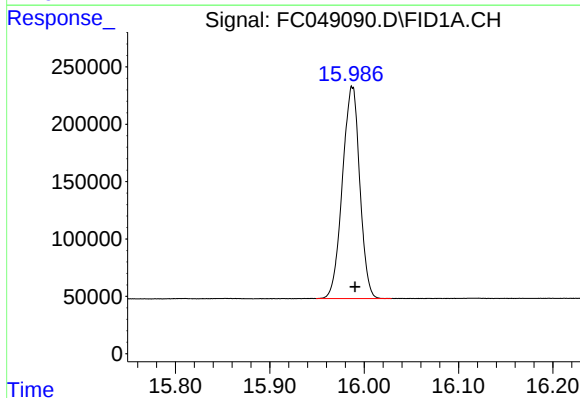
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.003 min
Response: 2495455
Conc: 22.20 ug/ml



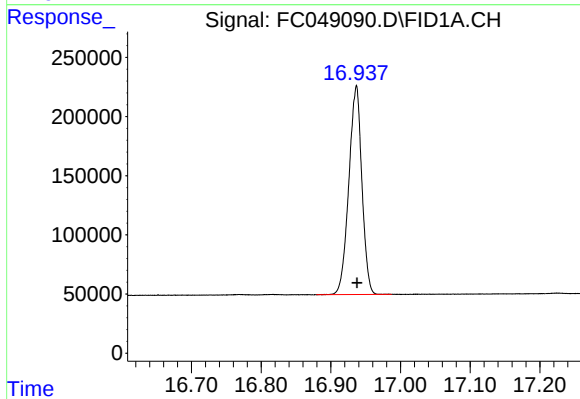
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: -0.003 min
Response: 2471807
Conc: 21.74 ug/ml



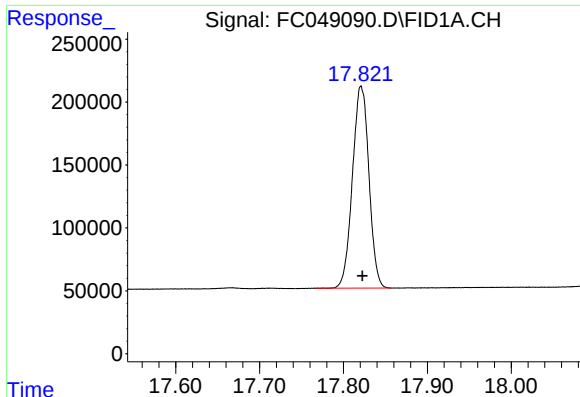
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: -0.003 min
Response: 2363078
Conc: 20.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.937 min
Delta R.T.: 0.000 min
Response: 2293055
Conc: 19.71 ug/ml



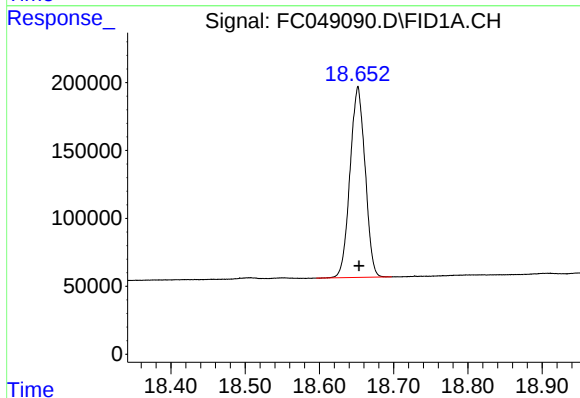
#17 n-Tricontane (C30)

R.T.: 17.821 min

Delta R.T.: -0.002 min

Response: 2191555

Conc: 18.96 ug/ml



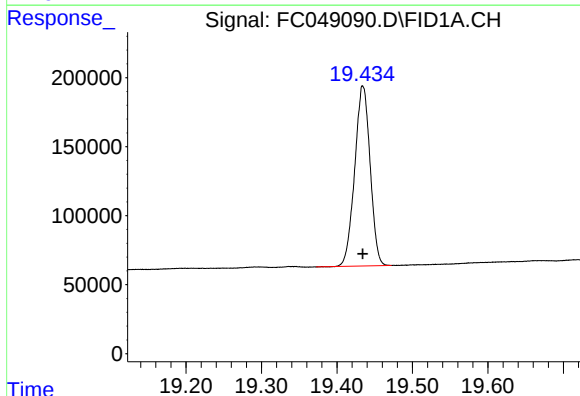
#18 n-Dotriacontane (C32)

R.T.: 18.652 min

Delta R.T.: -0.002 min

Response: 1981729

Conc: 18.33 ug/ml



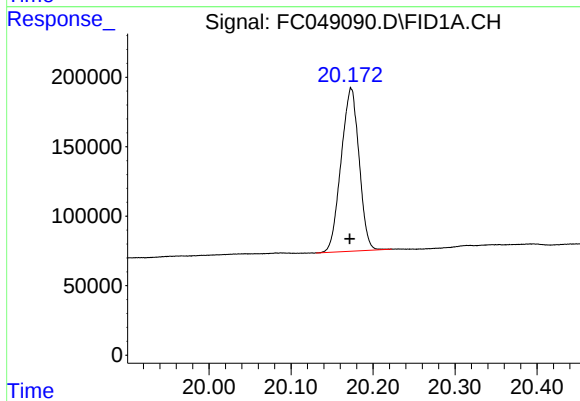
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min

Delta R.T.: 0.000 min

Response: 1850555

Conc: 17.84 ug/ml



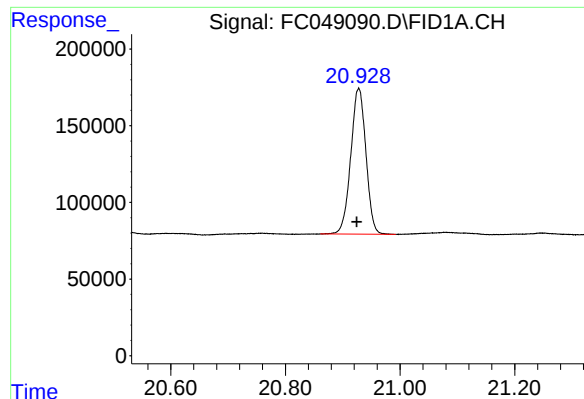
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min

Delta R.T.: 0.000 min

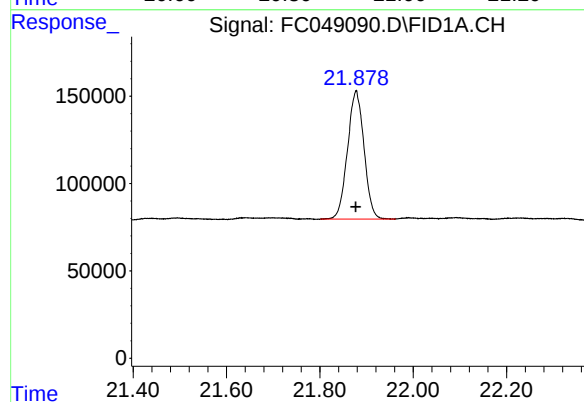
Response: 1790299

Conc: 18.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.928 min
Delta R.T.: 0.004 min
Response: 1744284
Conc: 18.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.878 min
Delta R.T.: 0.000 min
Response: 1800643
Conc: 18.86 ug/ml