

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121121AL\
 Data File : FC057403.D
 Signal(s) : FID1A.CH
 Acq On : 11 Dec 2021 22:24
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 12 02:38:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 09 22:19:01 2021
 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)	11.568	2181190	21.616 ug/ml
Spiked Amount 50.000		Recovery =	43.23%
12) S 1-chlorooctadecane (S...	12.999	1619879	21.333 ug/ml
Spiked Amount 50.000		Recovery =	42.67%
Target Compounds			
1) T n-Nonane (C9)	3.338	1979371	21.041 ug/ml
2) T n-Decane (C10)	4.403	2036559	21.759 ug/ml
3) T A~Naphthalene (C11.7)	5.993	2083390	21.200 ug/ml
4) T n-Dodecane (C12)	6.417	2048863	21.446 ug/ml
5) T A~2-methylnaphthalene...	7.048	2075802	21.216 ug/ml
6) T n-Tetradecane (C14)	8.209	2048874	21.329 ug/ml
7) T n-Hexadecane (C16)	9.807	2101895	21.685 ug/ml
8) T n-Octadecane (C18)	11.246	2109031	21.410 ug/ml
10) T n-Eicosane (C20)	12.553	2076693	21.579 ug/ml
11) T n-Heneicosane (C21)	13.164	2043823	21.371 ug/ml
13) T n-Docosane (C22)	13.750	1994386	21.396 ug/ml
14) T n-Tetracosane (C24)	14.849	1980297	21.565 ug/ml
15) T n-Hexacosane (C26)	15.868	1888252	21.844 ug/ml
16) T n-Octacosane (C28)	16.814	1836752	21.540 ug/ml
17) T n-Tricontane (C30)	17.700	1823450	21.813 ug/ml
18) T n-Dotriacontane (C32)	18.531	1762246	21.546 ug/ml
19) T n-Tetratriacontane (C34)	19.311	1750191	21.327 ug/ml
20) T n-Hexatriacontane (C36)	20.048	1621049	20.324 ug/ml
21) T n-Octatriacontane (C38)	20.777	1622446	21.367 ug/ml
22) T n-Tetracontane (C40)	21.675	1519685	20.331 ug/ml

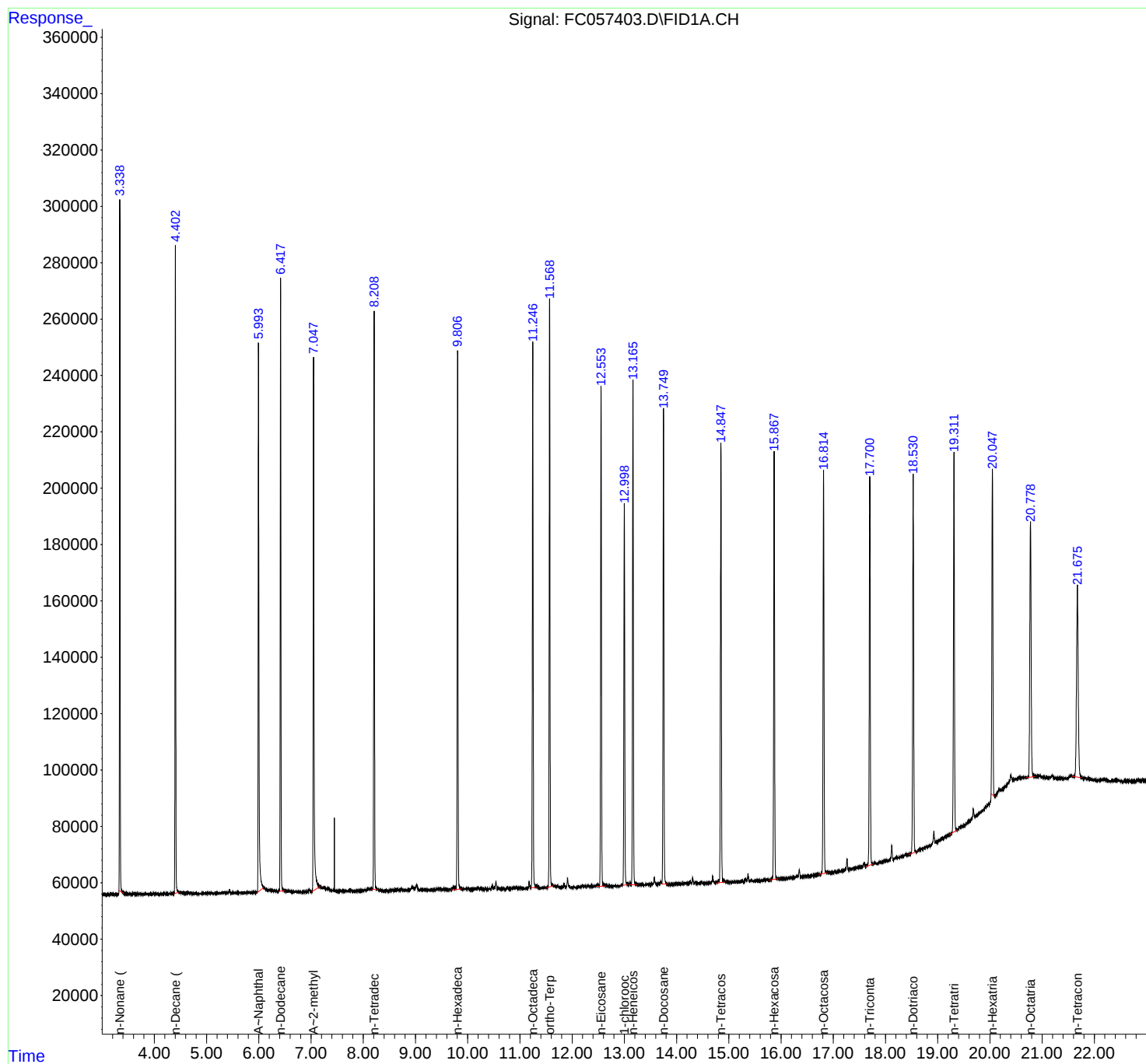
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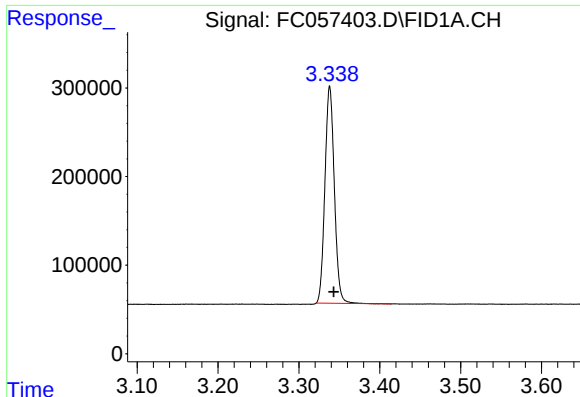
(m)=manual int.

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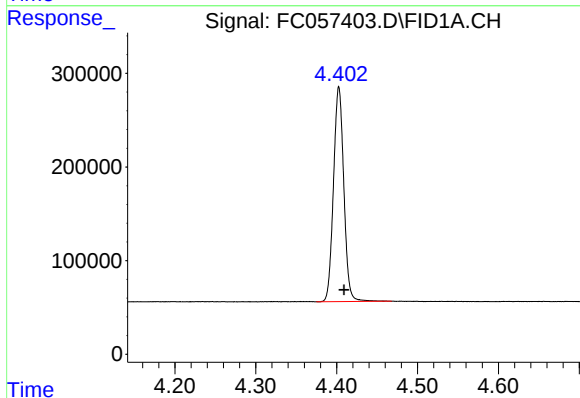
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





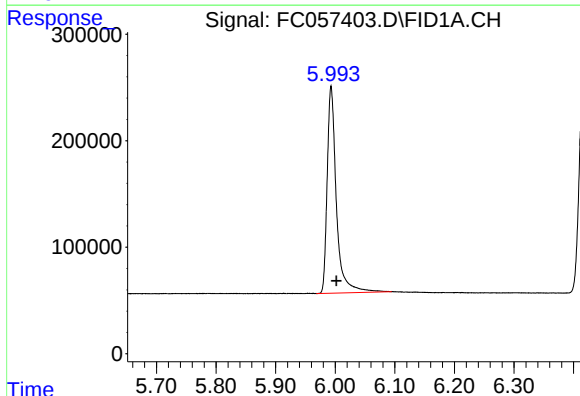
#1 n-Nonane (C9)

R.T.: 3.338 min
Delta R.T.: -0.005 min
Response: 1979371
Conc: 21.04 ug/ml



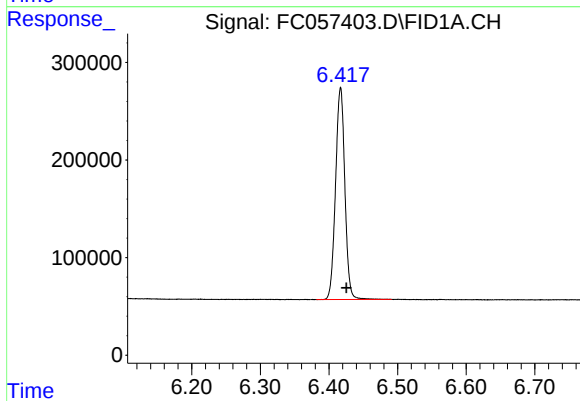
#2 n-Decane (C10)

R.T.: 4.403 min
Delta R.T.: -0.006 min
Response: 2036559
Conc: 21.76 ug/ml



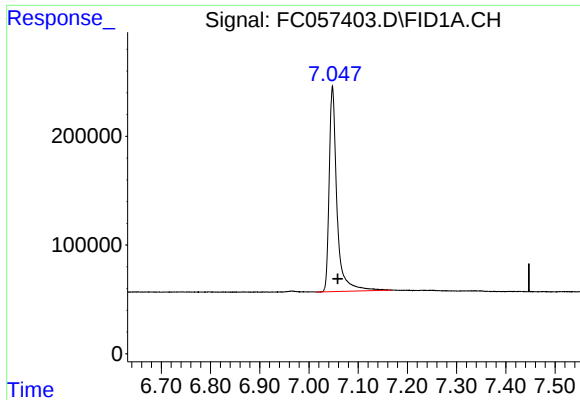
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.009 min
Response: 2083390
Conc: 21.20 ug/ml



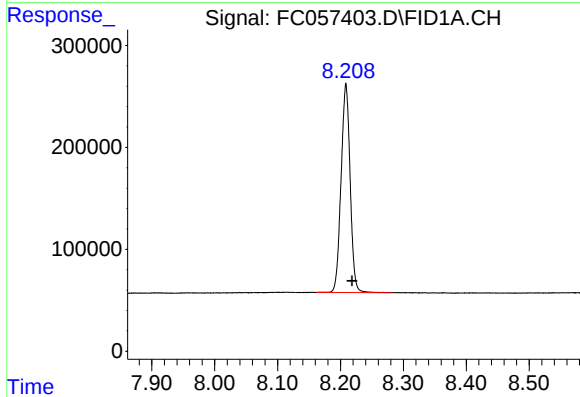
#4 n-Dodecane (C12)

R.T.: 6.417 min
Delta R.T.: -0.008 min
Response: 2048863
Conc: 21.45 ug/ml



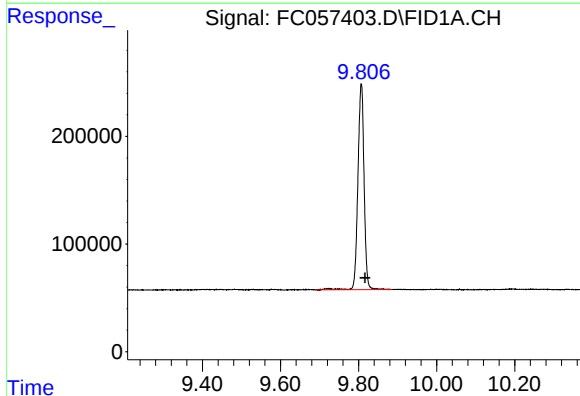
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.048 min
Delta R.T.: -0.011 min
Response: 2075802
Conc: 21.22 ug/ml



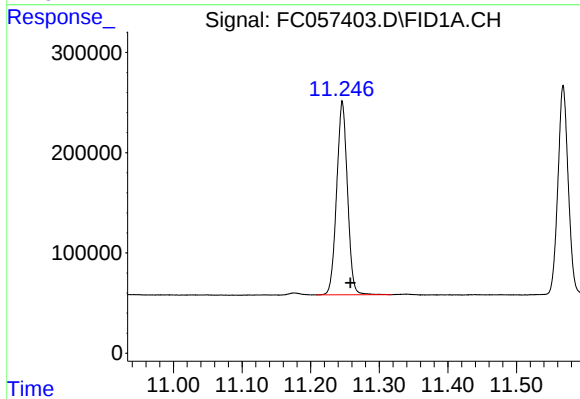
#6 n-Tetradecane (C14)

R.T.: 8.209 min
Delta R.T.: -0.010 min
Response: 2048874
Conc: 21.33 ug/ml



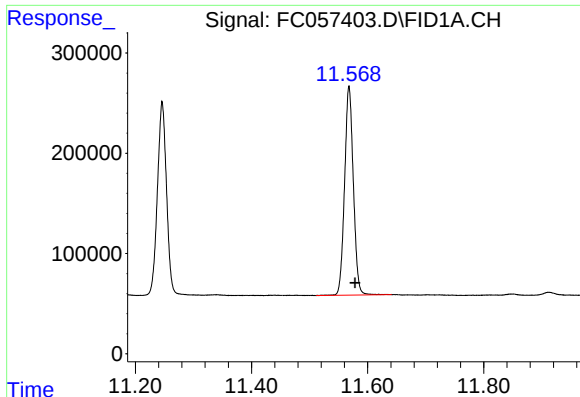
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.010 min
Response: 2101895
Conc: 21.69 ug/ml



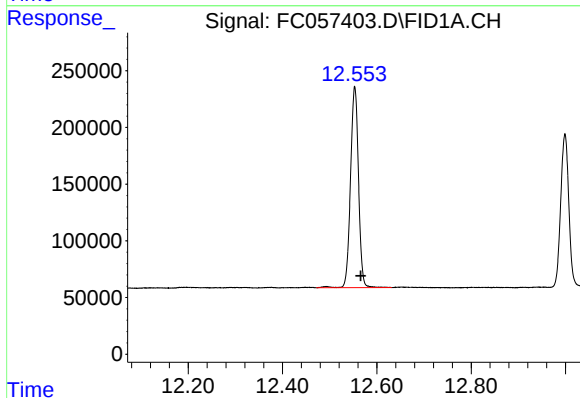
#8 n-Octadecane (C18)

R.T.: 11.246 min
Delta R.T.: -0.012 min
Response: 2109031
Conc: 21.41 ug/ml



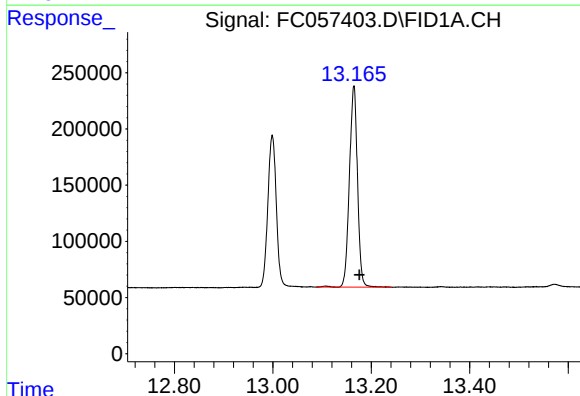
#9 ortho-Terphenyl (SURR)

R.T.: 11.568 min
Delta R.T.: -0.010 min
Response: 2181190
Conc: 21.62 ug/ml



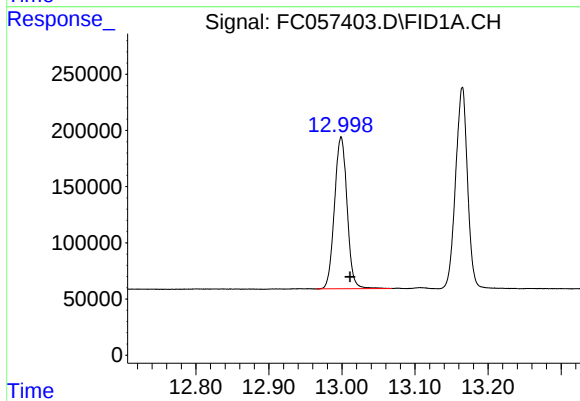
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.012 min
Response: 2076693
Conc: 21.58 ug/ml



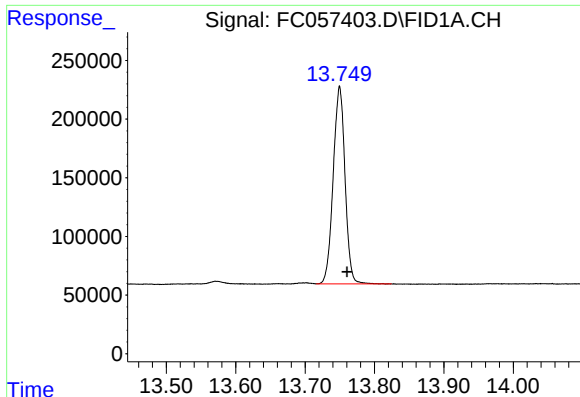
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.011 min
Response: 2043823
Conc: 21.37 ug/ml



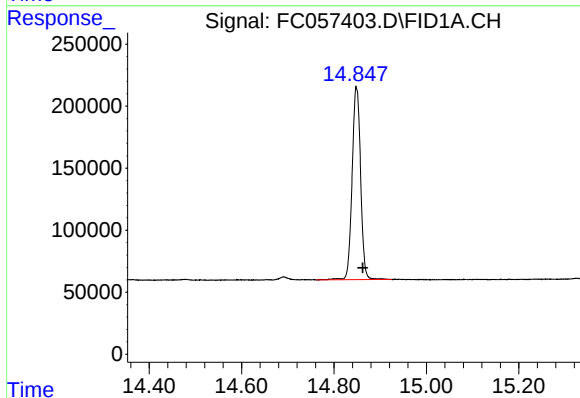
#12 1-chlorooctadecane (SURR)

R.T.: 12.999 min
Delta R.T.: -0.012 min
Response: 1619879
Conc: 21.33 ug/ml



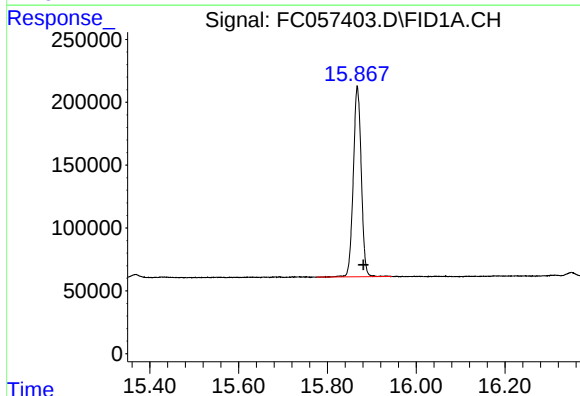
#13 n-Docosane (C22)

R.T.: 13.750 min
Delta R.T.: -0.011 min
Response: 1994386
Conc: 21.40 ug/ml



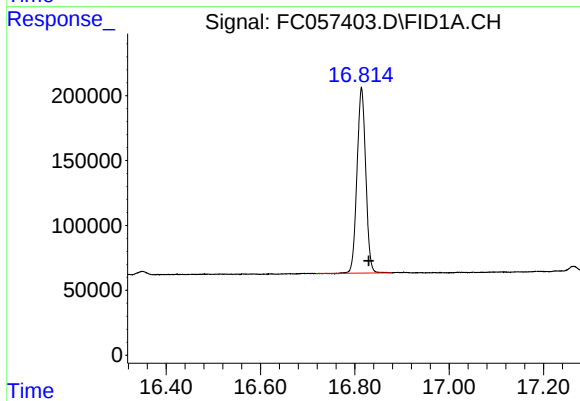
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.014 min
Response: 1980297
Conc: 21.57 ug/ml



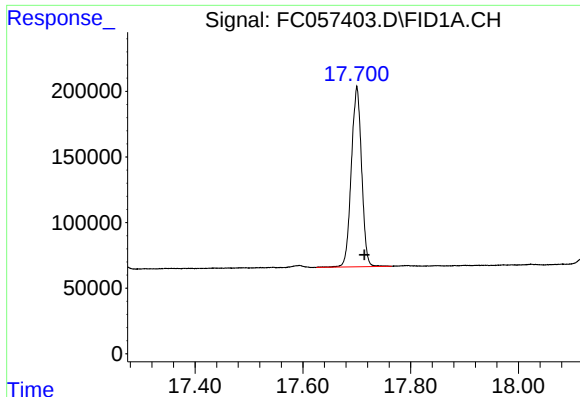
#15 n-Hexacosane (C26)

R.T.: 15.868 min
Delta R.T.: -0.013 min
Response: 1888252
Conc: 21.84 ug/ml



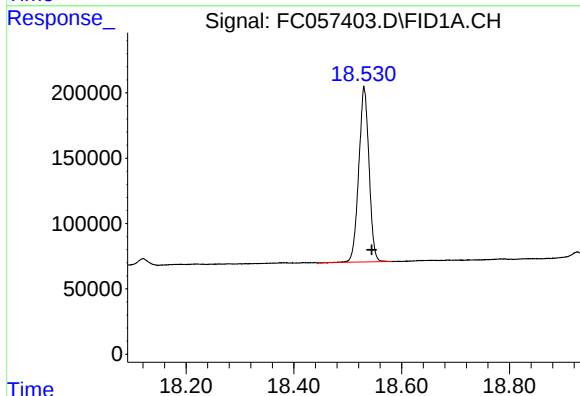
#16 n-Octacosane (C28)

R.T.: 16.814 min
Delta R.T.: -0.015 min
Response: 1836752
Conc: 21.54 ug/ml



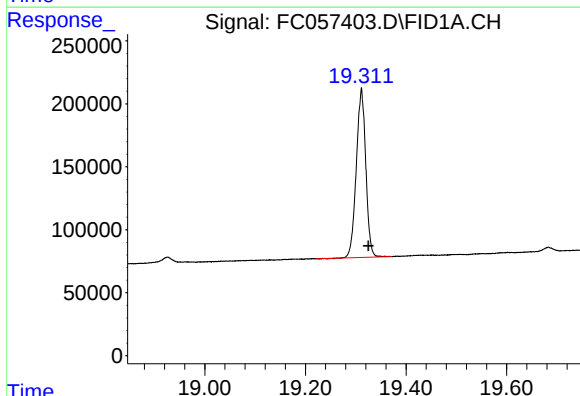
#17 n-Tricontane (C30)

R.T.: 17.700 min
Delta R.T.: -0.014 min
Response: 1823450
Conc: 21.81 ug/ml



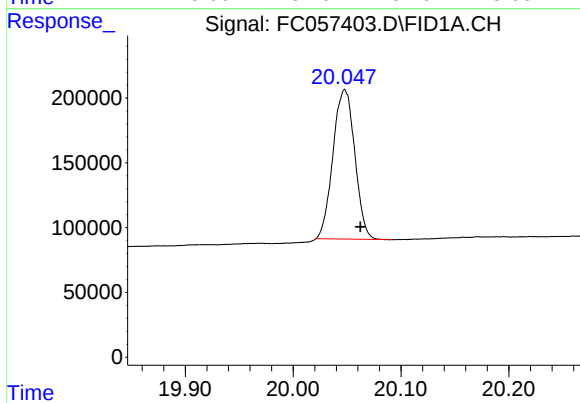
#18 n-Dotriacontane (C32)

R.T.: 18.531 min
Delta R.T.: -0.014 min
Response: 1762246
Conc: 21.55 ug/ml



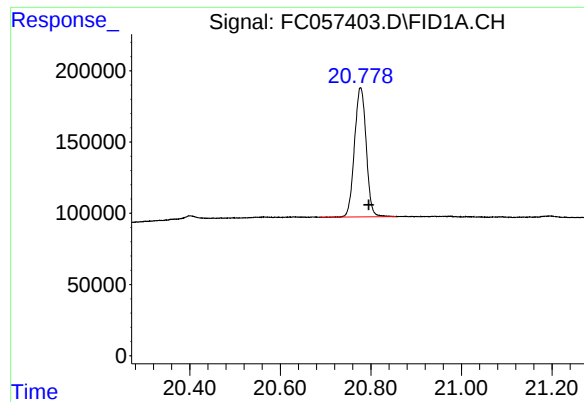
#19 n-Tetratriacontane (C34)

R.T.: 19.311 min
Delta R.T.: -0.014 min
Response: 1750191
Conc: 21.33 ug/ml



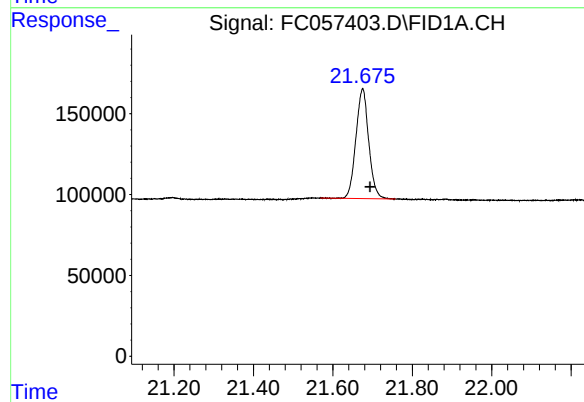
#20 n-Hexatriacontane (C36)

R.T.: 20.048 min
Delta R.T.: -0.015 min
Response: 1621049
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.018 min
Response: 1622446
Conc: 21.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.675 min
Delta R.T.: -0.019 min
Response: 1519685
Conc: 20.33 ug/ml