

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010821AL\
 Data File : FC051655.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jan 2021 13:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 14:18:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 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)	11.556	2505529	21.618 ug/ml
Spiked Amount 50.000		Recovery =	43.24%
12) S 1-chlorooctadecane (S...	12.989	1951576	21.634 ug/ml
Spiked Amount 50.000		Recovery =	43.27%
Target Compounds			
1) T n-Nonane (C9)	3.320	2228424	22.587 ug/ml
2) T n-Decane (C10)	4.386	2270048	22.957 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2383491	22.791 ug/ml
4) T n-Dodecane (C12)	6.403	2346506	22.953 ug/ml
5) T A~2-methylnaphthalene...	7.033	2392159	22.773 ug/ml
6) T n-Tetradecane (C14)	8.197	2346821	23.135 ug/ml
7) T n-Hexadecane (C16)	9.797	2313436	22.970 ug/ml
8) T n-Octadecane (C18)	11.237	2403953	22.540 ug/ml
10) T n-Eicosane (C20)	12.544	2378466	22.086 ug/ml
11) T n-Heneicosane (C21)	13.156	2335540	21.774 ug/ml
13) T n-Docosane (C22)	13.741	2290746	21.450 ug/ml
14) T n-Tetracosane (C24)	14.842	2200527	20.790 ug/ml
15) T n-Hexacosane (C26)	15.861	2099632	20.271 ug/ml
16) T n-Octacosane (C28)	16.809	2027083	19.910 ug/ml
17) T n-Tricontane (C30)	17.695	1959157	19.894 ug/ml
18) T n-Dotriacontane (C32)	18.526	1840129	20.311 ug/ml
19) T n-Tetratriacontane (C34)	19.309	1765005	20.766 ug/ml
20) T n-Hexatriacontane (C36)	20.046	1734706	20.458 ug/ml
21) T n-Octatriacontane (C38)	20.780	1627621	21.259 ug/ml
22) T n-Tetracontane (C40)	21.683	1764248	22.310 ug/ml

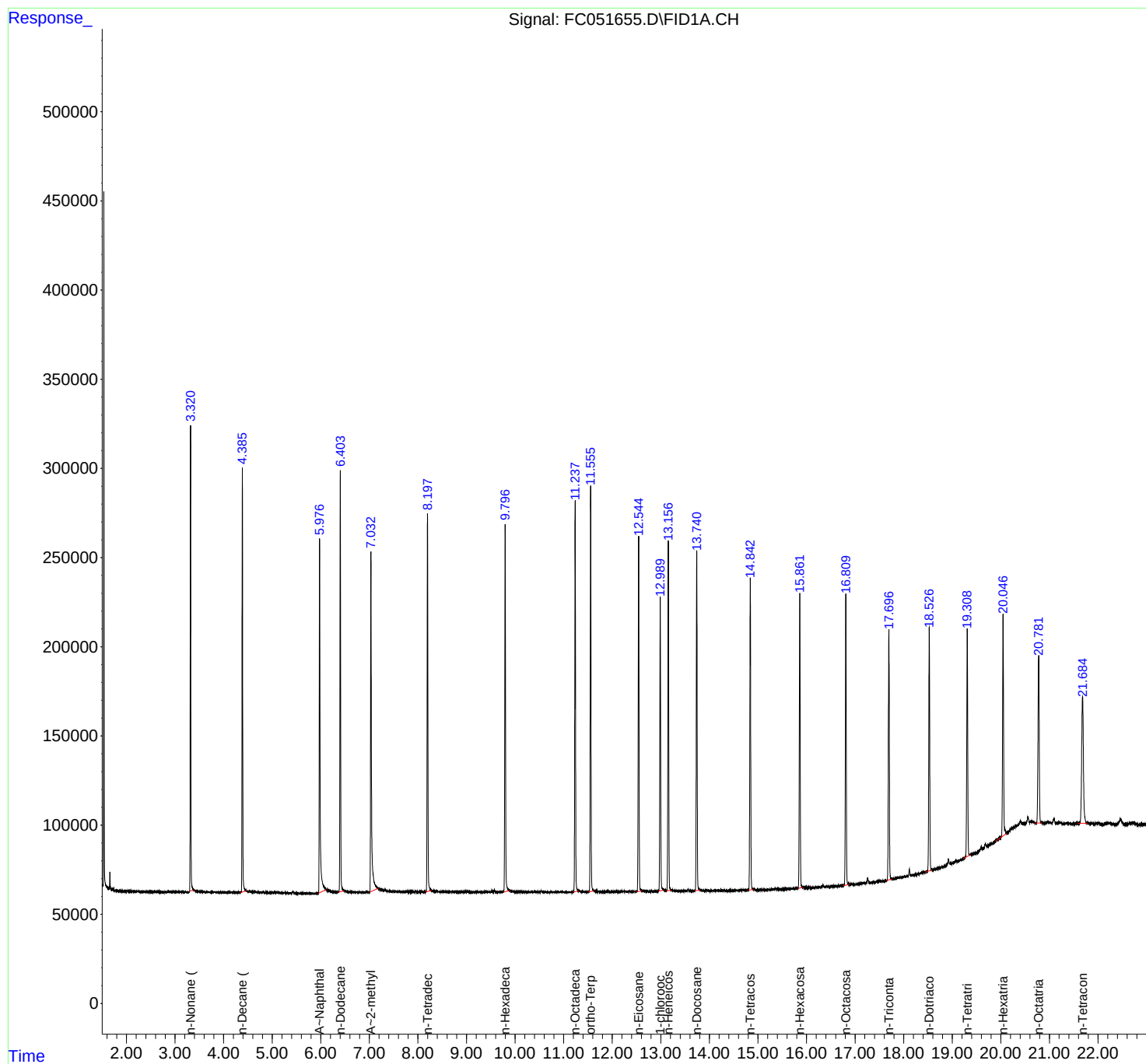
(f)=RT Delta > 1/2 Window

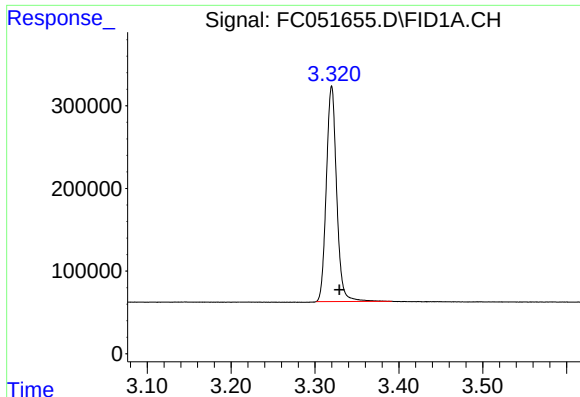
(m)=manual int.

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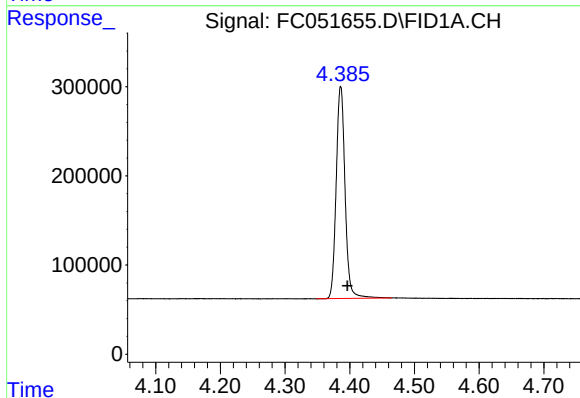
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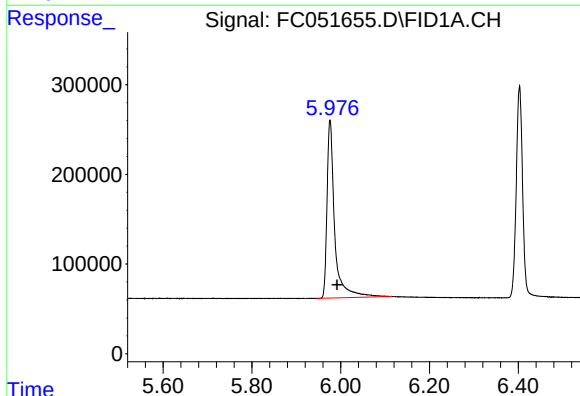
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.009 min
Response: 2228424
Conc: 22.59 ug/ml



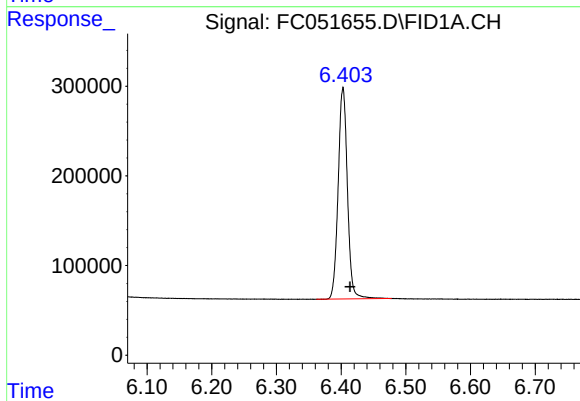
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: -0.010 min
Response: 2270048
Conc: 22.96 ug/ml



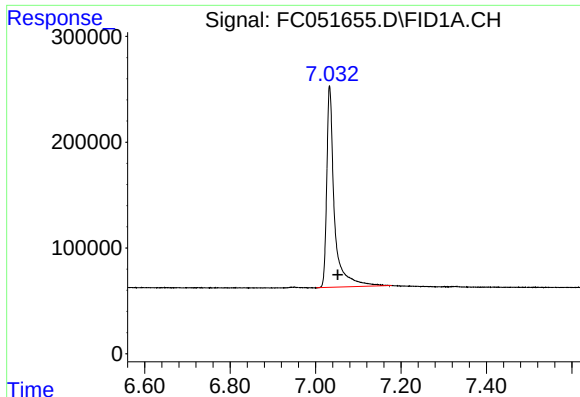
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.016 min
Response: 2383491
Conc: 22.79 ug/ml



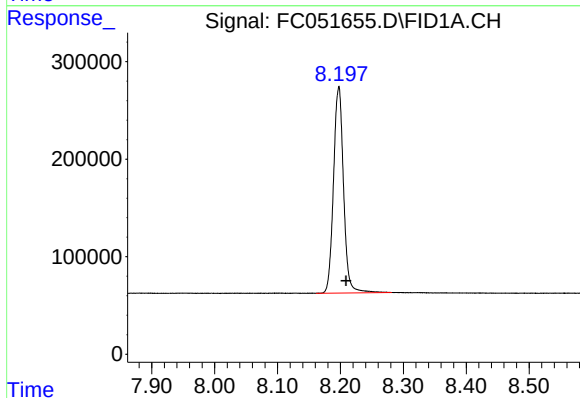
#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: -0.011 min
Response: 2346506
Conc: 22.95 ug/ml



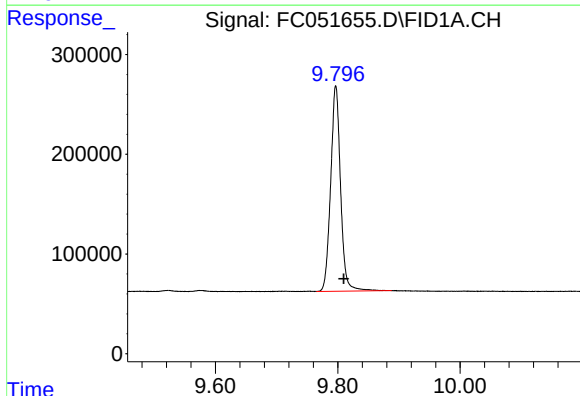
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.033 min
Delta R.T.: -0.018 min
Response: 2392159
Conc: 22.77 ug/ml



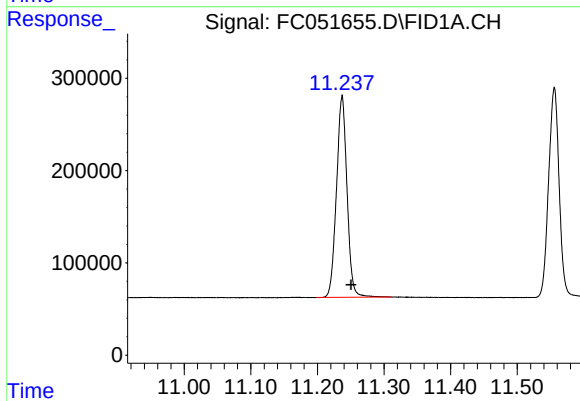
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.012 min
Response: 2346821
Conc: 23.13 ug/ml



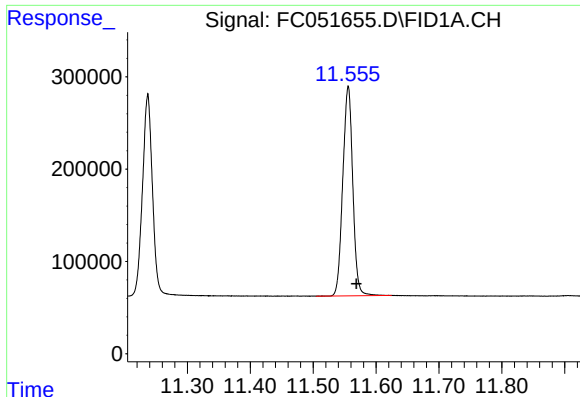
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.013 min
Response: 2313436
Conc: 22.97 ug/ml



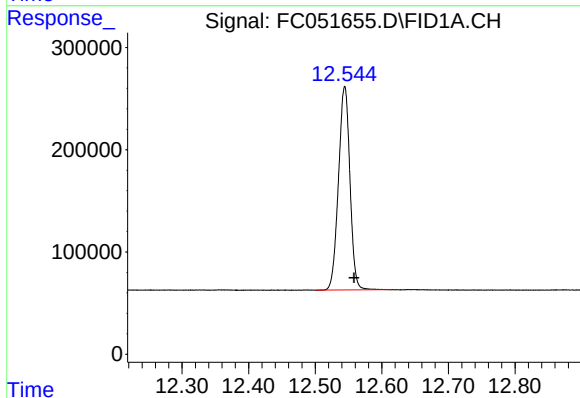
#8 n-Octadecane (C18)

R.T.: 11.237 min
Delta R.T.: -0.014 min
Response: 2403953
Conc: 22.54 ug/ml



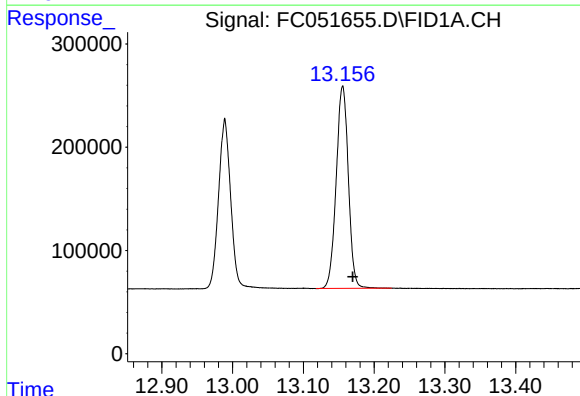
#9 ortho-Terphenyl (SURR)

R.T.: 11.556 min
Delta R.T.: -0.013 min
Response: 2505529
Conc: 21.62 ug/ml



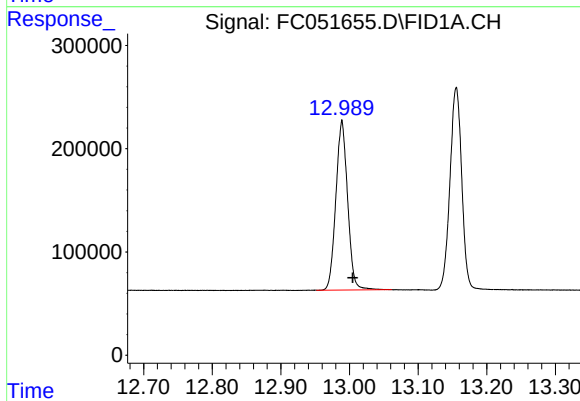
#10 n-Eicosane (C20)

R.T.: 12.544 min
Delta R.T.: -0.014 min
Response: 2378466
Conc: 22.09 ug/ml



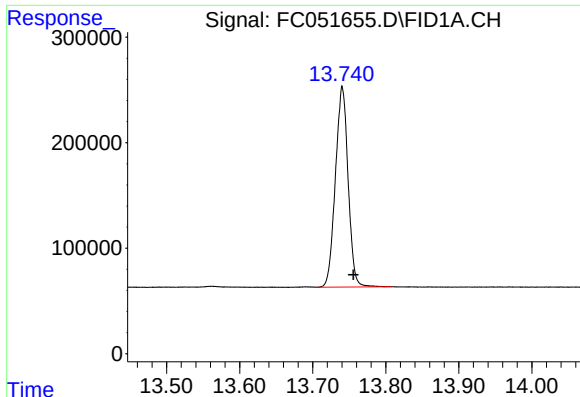
#11 n-Heneicosane (C21)

R.T.: 13.156 min
Delta R.T.: -0.014 min
Response: 2335540
Conc: 21.77 ug/ml



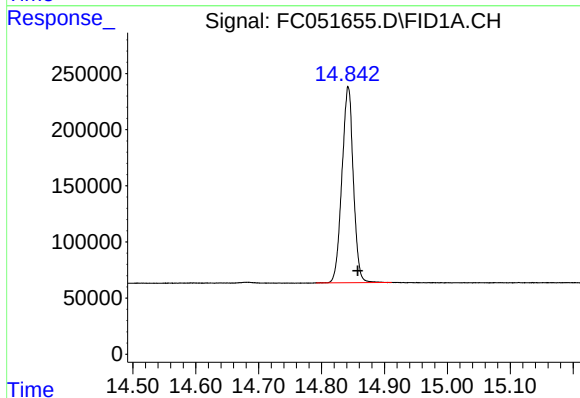
#12 1-chlorooctadecane (SURR)

R.T.: 12.989 min
Delta R.T.: -0.016 min
Response: 1951576
Conc: 21.63 ug/ml



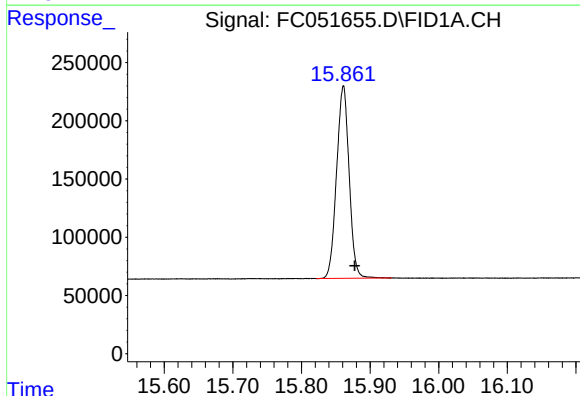
#13 n-Docosane (C22)

R.T.: 13.741 min
Delta R.T.: -0.015 min
Response: 2290746
Conc: 21.45 ug/ml



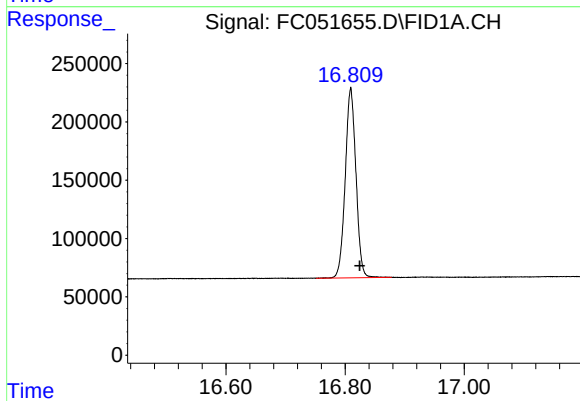
#14 n-Tetracosane (C24)

R.T.: 14.842 min
Delta R.T.: -0.016 min
Response: 2200527
Conc: 20.79 ug/ml



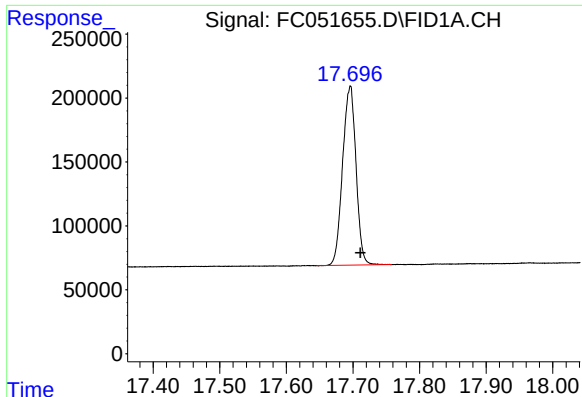
#15 n-Hexacosane (C26)

R.T.: 15.861 min
Delta R.T.: -0.017 min
Response: 2099632
Conc: 20.27 ug/ml



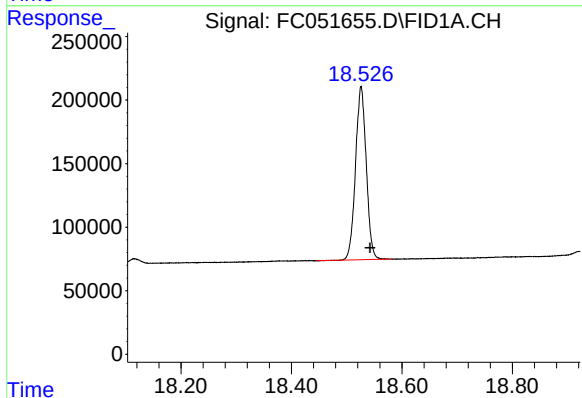
#16 n-Octacosane (C28)

R.T.: 16.809 min
Delta R.T.: -0.015 min
Response: 2027083
Conc: 19.91 ug/ml



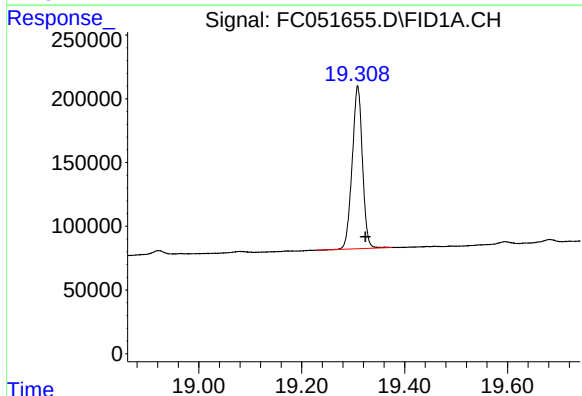
#17 n-Tricontane (C30)

R.T.: 17.695 min
Delta R.T.: -0.016 min
Response: 1959157
Conc: 19.89 ug/ml



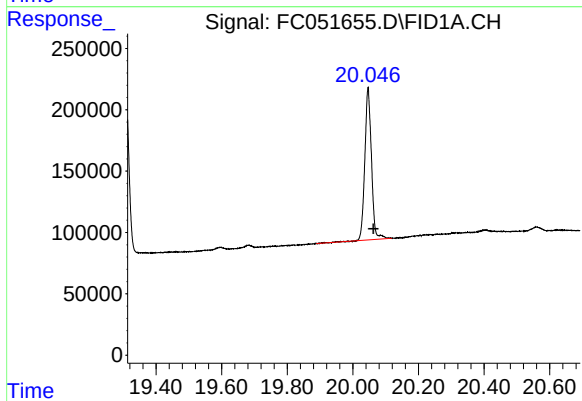
#18 n-Dotriacontane (C32)

R.T.: 18.526 min
Delta R.T.: -0.016 min
Response: 1840129
Conc: 20.31 ug/ml



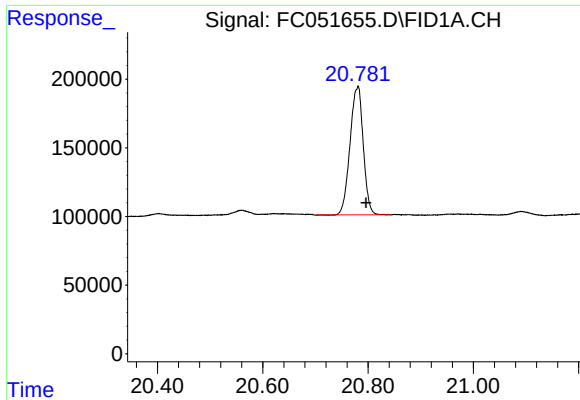
#19 n-Tetratriacontane (C34)

R.T.: 19.309 min
Delta R.T.: -0.015 min
Response: 1765005
Conc: 20.77 ug/ml



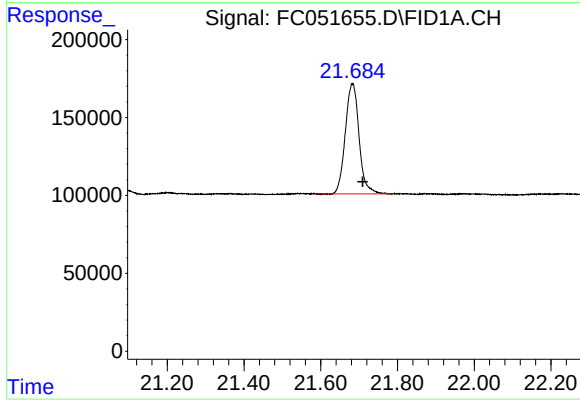
#20 n-Hexatriacontane (C36)

R.T.: 20.046 min
Delta R.T.: -0.016 min
Response: 1734706
Conc: 20.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.780 min
Delta R.T.: -0.016 min
Response: 1627621
Conc: 21.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.683 min
Delta R.T.: -0.027 min
Response: 1764248
Conc: 22.31 ug/ml