

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112921AL\
 Data File : FC057101.D
 Signal(s) : FID1A.CH
 Acq On : 29 Nov 2021 11:37
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 29 23:59:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 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)	11.594	2179161	18.778 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
12) S 1-chlorooctadecane (S...	13.027	1693492	18.602 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
Target Compounds			
1) T n-Nonane (C9)	3.358	2002631	19.763 ug/ml
2) T n-Decane (C10)	4.424	2010622	20.078 ug/ml
3) T A~Naphthalene (C11.7)	6.013	2208049	19.774 ug/ml
4) T n-Dodecane (C12)	6.440	2028239	20.004 ug/ml
5) T A~2-methylnaphthalene...	7.070	2225305	20.182 ug/ml
6) T n-Tetradecane (C14)	8.235	2019748	19.934 ug/ml
7) T n-Hexadecane (C16)	9.834	2018233	19.668 ug/ml
8) T n-Octadecane (C18)	11.275	2073674	19.355 ug/ml
10) T n-Eicosane (C20)	12.583	2032536	19.004 ug/ml
11) T n-Heneicosane (C21)	13.194	2030575	18.751 ug/ml
13) T n-Docosane (C22)	13.779	1987630	18.553 ug/ml
14) T n-Tetracosane (C24)	14.879	1937253	17.895 ug/ml
15) T n-Hexacosane (C26)	15.895	1852186	17.389 ug/ml
16) T n-Octacosane (C28)	16.843	1785112	16.736 ug/ml
17) T n-Tricontane (C30)	17.727	1724790	16.182 ug/ml
18) T n-Dotriacontane (C32)	18.557	1677152	15.900 ug/ml
19) T n-Tetratriacontane (C34)	19.338	1711577	16.475 ug/ml
20) T n-Hexatriacontane (C36)	20.075	1714847	16.978 ug/mlm
21) T n-Octatriacontane (C38)	20.805	1743098	18.989 ug/ml
22) T n-Tetracontane (C40)	21.715	1932040	21.447 ug/mlm

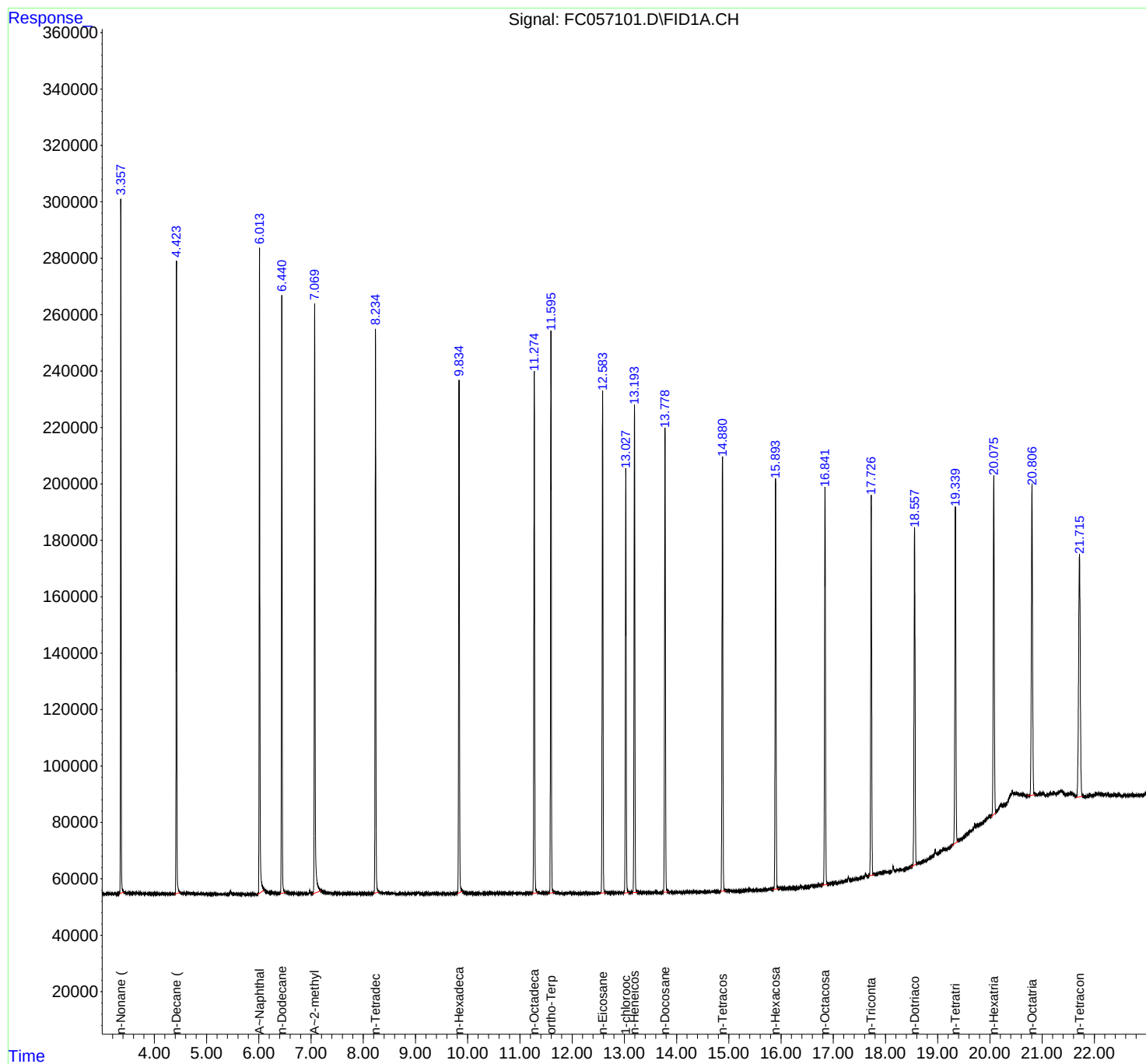
(f)=RT Delta > 1/2 Window

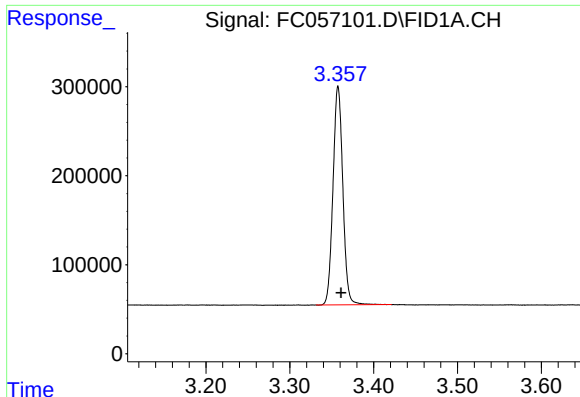
(m)=manual int.

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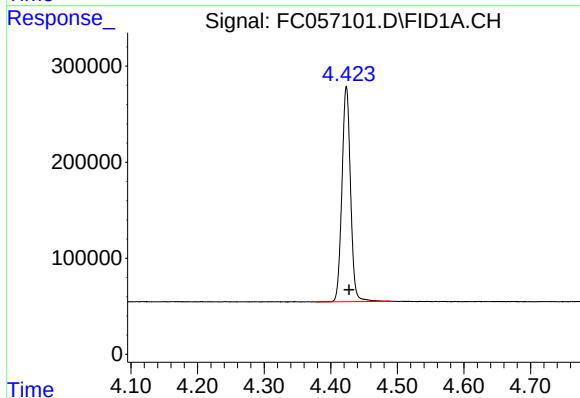
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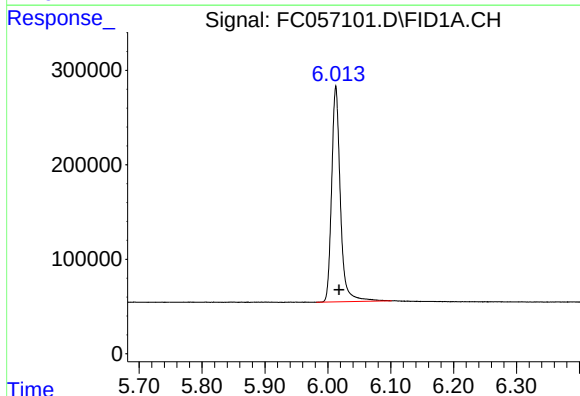
#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 2002631
Conc: 19.76 ug/ml



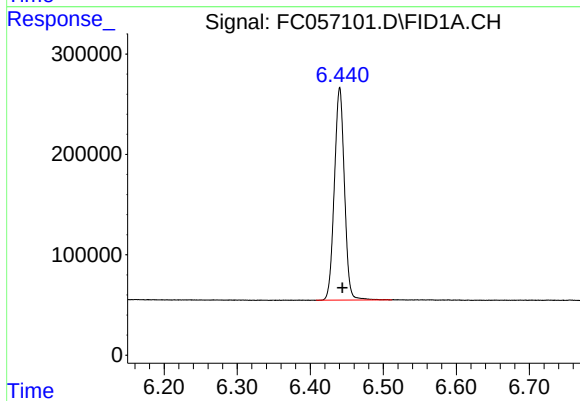
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.004 min
Response: 2010622
Conc: 20.08 ug/ml



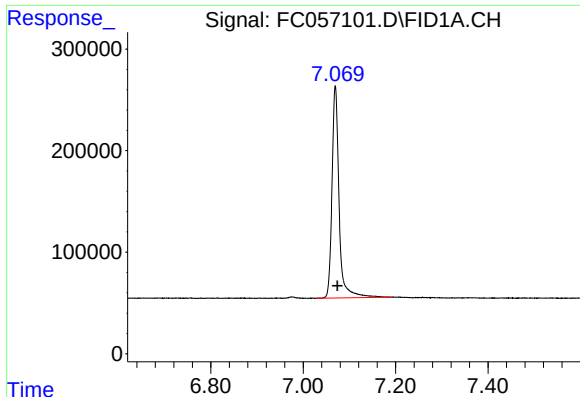
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 2208049
Conc: 19.77 ug/ml



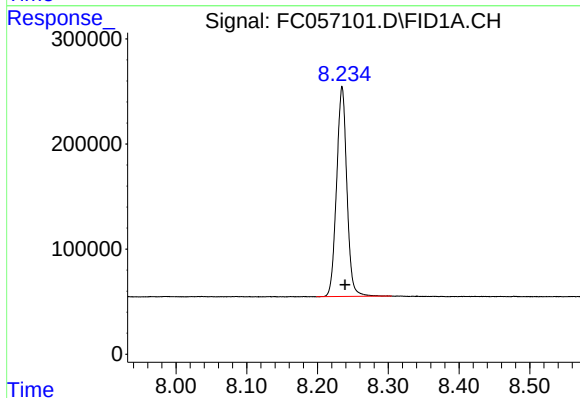
#4 n-Dodecane (C12)

R.T.: 6.440 min
Delta R.T.: -0.004 min
Response: 2028239
Conc: 20.00 ug/ml



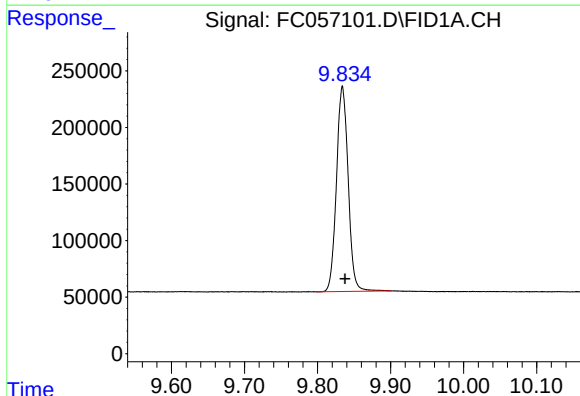
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 2225305
Conc: 20.18 ug/ml



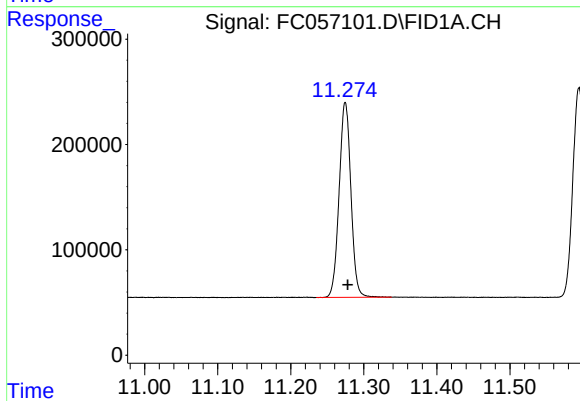
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 2019748
Conc: 19.93 ug/ml



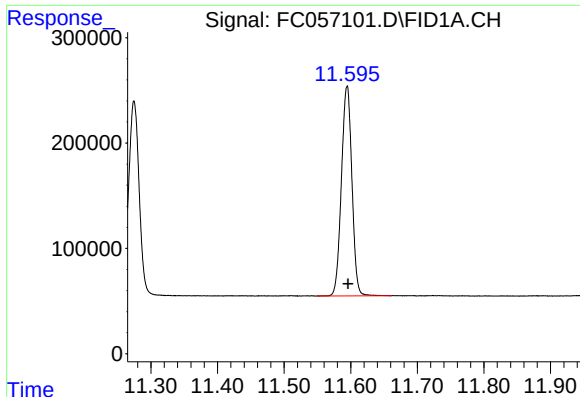
#7 n-Hexadecane (C16)

R.T.: 9.834 min
Delta R.T.: -0.003 min
Response: 2018233
Conc: 19.67 ug/ml



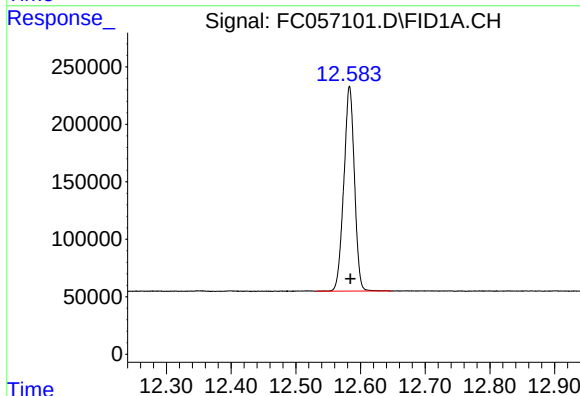
#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 2073674
Conc: 19.36 ug/ml



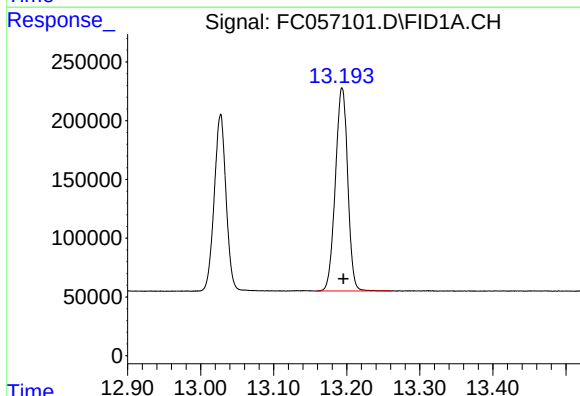
#9 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: -0.001 min
Response: 2179161
Conc: 18.78 ug/ml



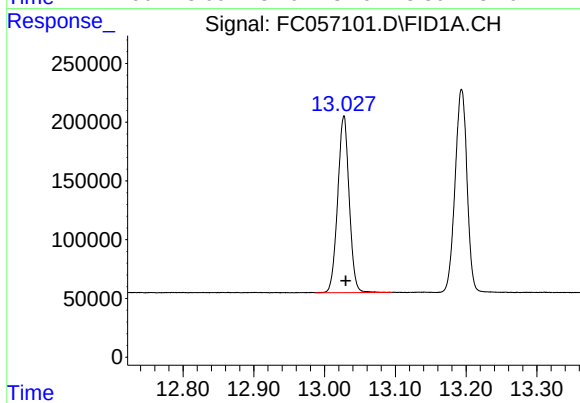
#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: -0.001 min
Response: 2032536
Conc: 19.00 ug/ml



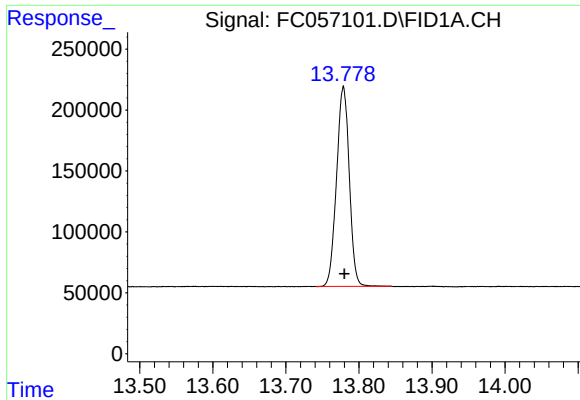
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: -0.002 min
Response: 2030575
Conc: 18.75 ug/ml



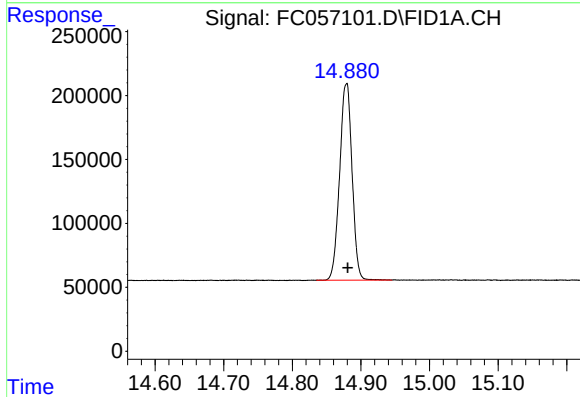
#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: -0.003 min
Response: 1693492
Conc: 18.60 ug/ml



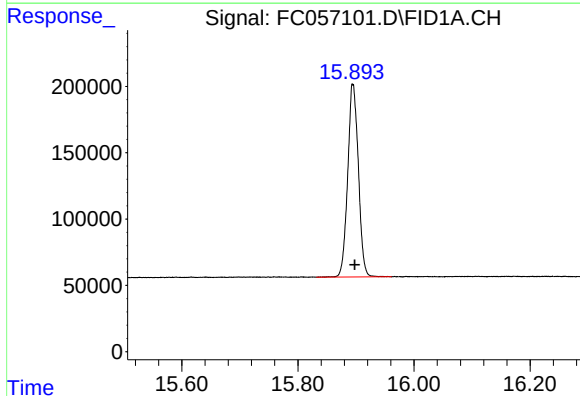
#13 n-Docosane (C22)

R.T.: 13.779 min
Delta R.T.: -0.001 min
Response: 1987630
Conc: 18.55 ug/ml



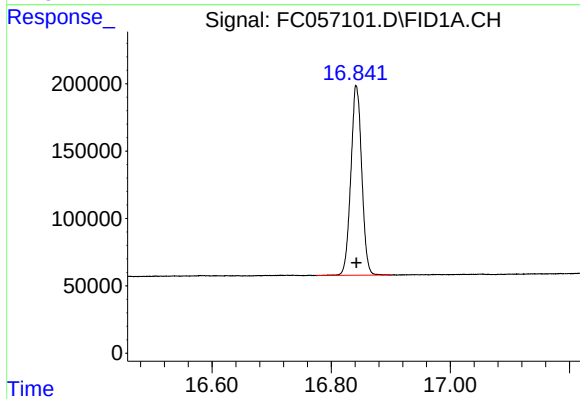
#14 n-Tetracosane (C24)

R.T.: 14.879 min
Delta R.T.: -0.002 min
Response: 1937253
Conc: 17.90 ug/ml



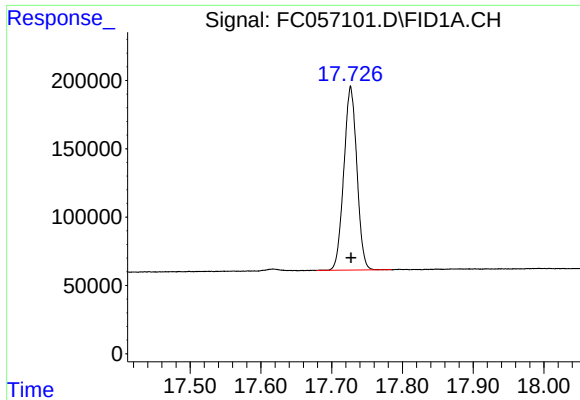
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.003 min
Response: 1852186
Conc: 17.39 ug/ml



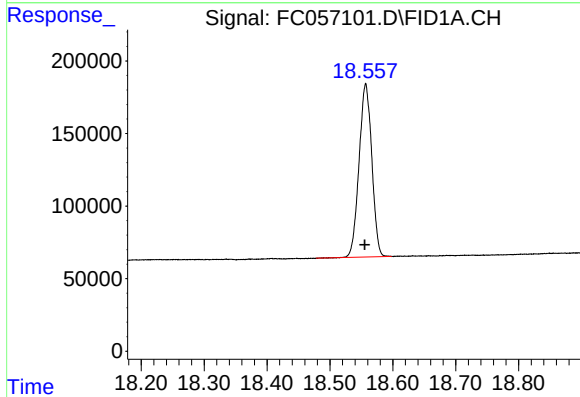
#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.000 min
Response: 1785112
Conc: 16.74 ug/ml



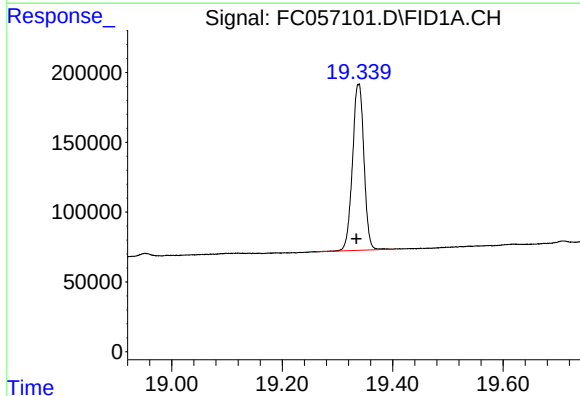
#17 n-Tricontane (C30)

R.T.: 17.727 min
Delta R.T.: 0.000 min
Response: 1724790
Conc: 16.18 ug/ml



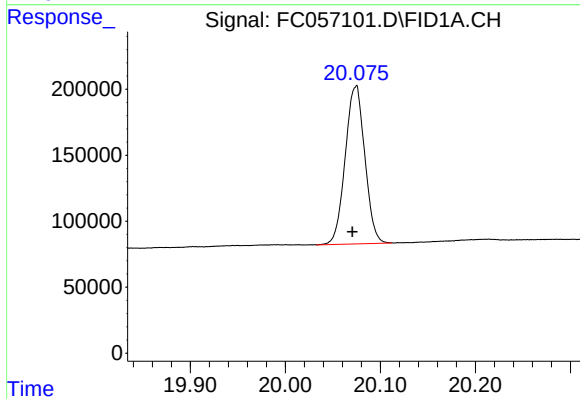
#18 n-Dotriacontane (C32)

R.T.: 18.557 min
Delta R.T.: 0.002 min
Response: 1677152
Conc: 15.90 ug/ml



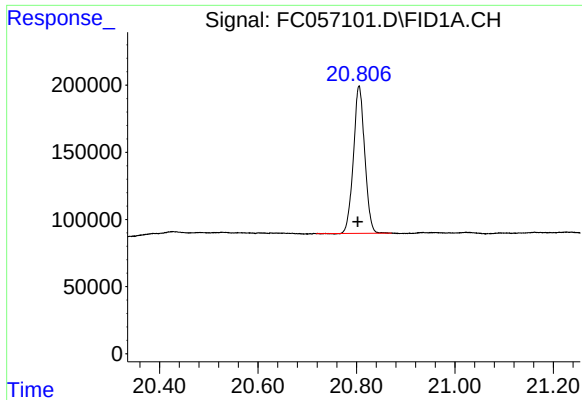
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.004 min
Response: 1711577
Conc: 16.48 ug/ml



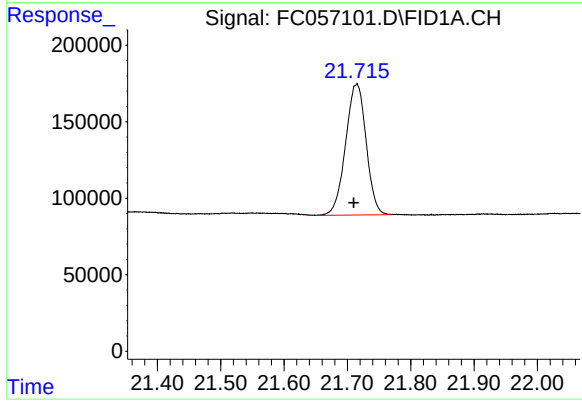
#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: 0.005 min
Response: 1714847
Conc: 16.98 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: 0.003 min
Response: 1743098
Conc: 18.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.715 min
Delta R.T.: 0.005 min
Response: 1932040
Conc: 21.45 ug/ml m