

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC113021AL\
 Data File : FC057132.D
 Signal(s) : FID1A.CH
 Acq On : 30 Nov 2021 22:05
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 01 00:12:10 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)	11.601	2214323	19.081 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
12) S 1-chlorooctadecane (S...	13.034	1707611	18.757 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	3.356	2085693	20.583 ug/ml
2) T n-Decane (C10)	4.425	2111927	21.090 ug/ml
3) T A~Naphthalene (C11.7)	6.017	2319088	20.769 ug/ml
4) T n-Dodecane (C12)	6.444	2145394	21.159 ug/ml
5) T A~2-methylnaphthalene...	7.075	2326001	21.095 ug/ml
6) T n-Tetradecane (C14)	8.239	2132787	21.050 ug/ml
7) T n-Hexadecane (C16)	9.839	2109746	20.559 ug/ml
8) T n-Octadecane (C18)	11.280	2145409	20.025 ug/ml
10) T n-Eicosane (C20)	12.587	2069031	19.345 ug/ml
11) T n-Heneicosane (C21)	13.199	2051151	18.941 ug/ml
13) T n-Docosane (C22)	13.784	1994411	18.616 ug/ml
14) T n-Tetracosane (C24)	14.885	1931372	17.841 ug/ml
15) T n-Hexacosane (C26)	15.904	1841975	17.293 ug/ml
16) T n-Octacosane (C28)	16.851	1799114	16.867 ug/ml
17) T n-Tricontane (C30)	17.736	1761837	16.530 ug/ml
18) T n-Dotriacontane (C32)	18.566	1755572	16.644 ug/mlm
19) T n-Tetratriacontane (C34)	19.347	1819842	17.517 ug/mlm
20) T n-Hexatriacontane (C36)	20.083	1846575	18.282 ug/mlm
21) T n-Octatriacontane (C38)	20.821	1957843	21.328 ug/mlm
22) T n-Tetracontane (C40)	21.728	2056441	22.828 ug/mlm

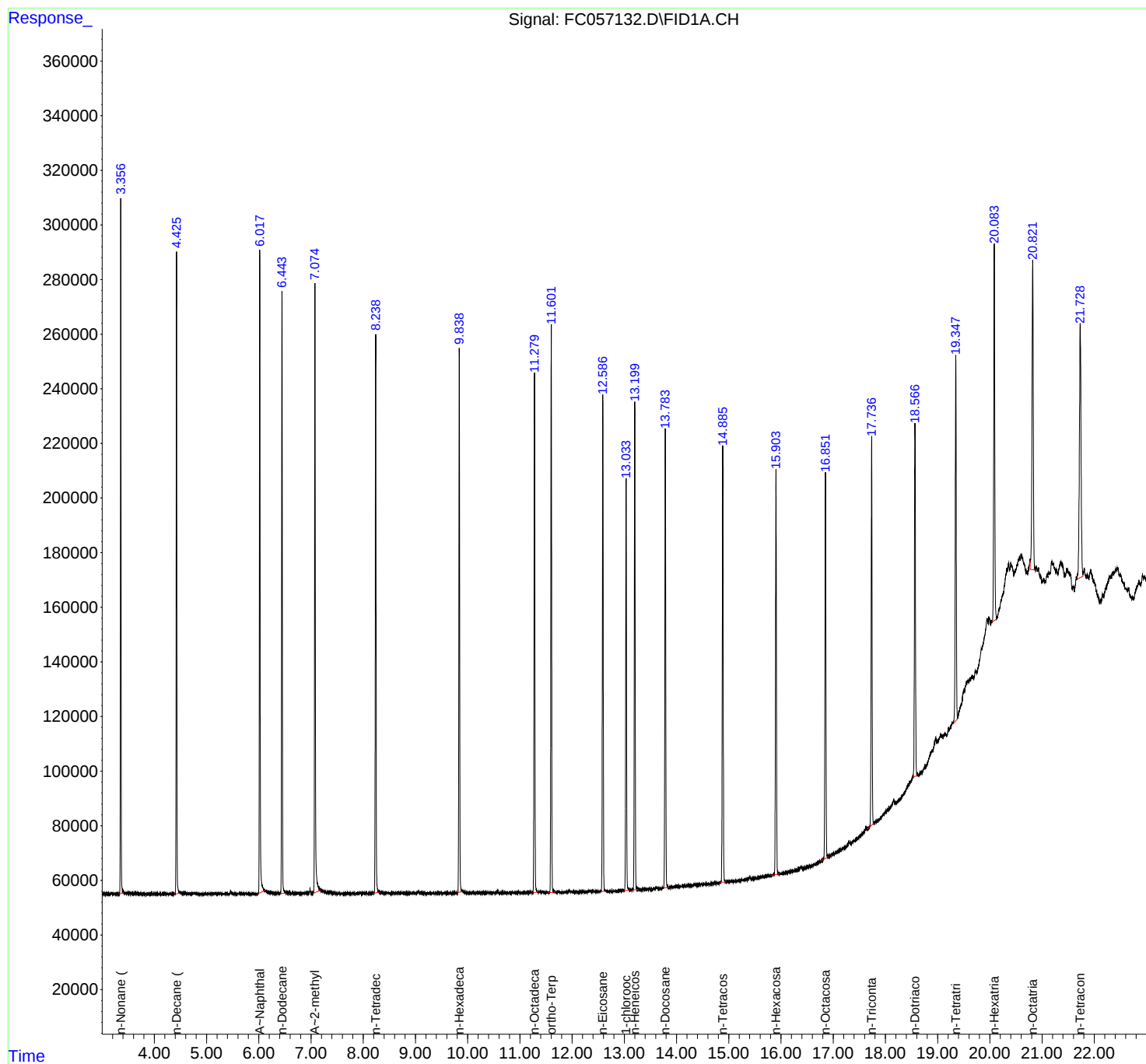
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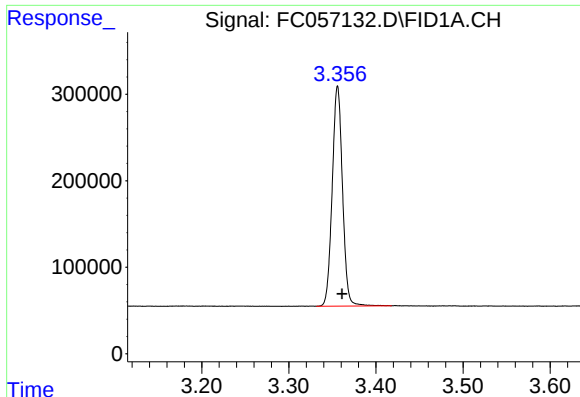
(m)=manual int.

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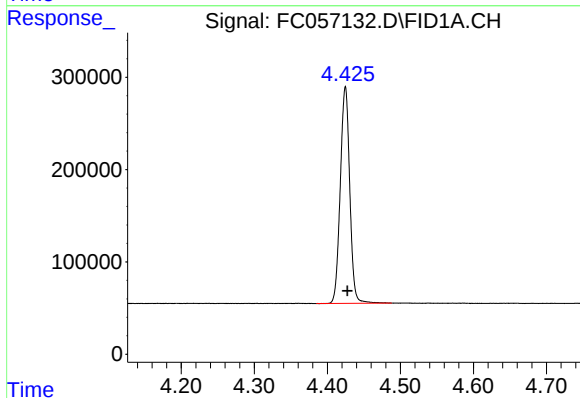
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Signal Info : 20M x 0.18mm x 0.18um





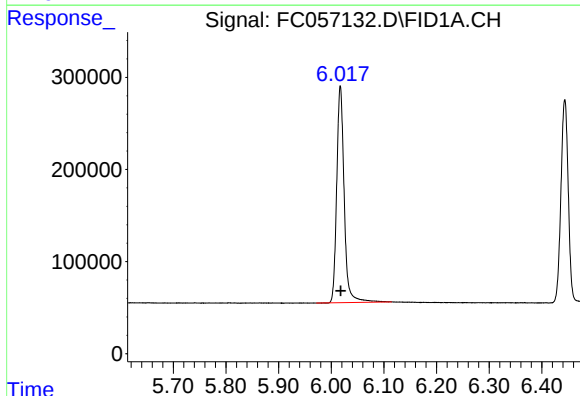
#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: -0.005 min
Response: 2085693
Conc: 20.58 ug/ml



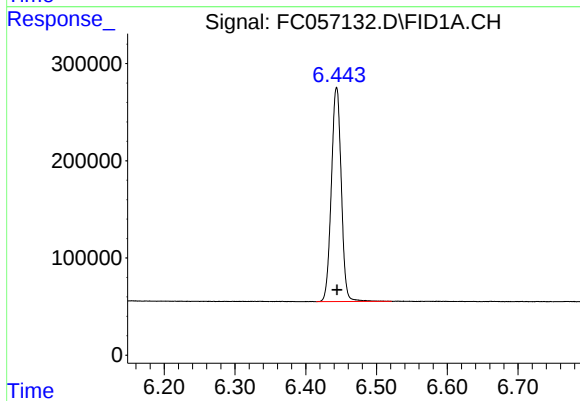
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.003 min
Response: 2111927
Conc: 21.09 ug/ml



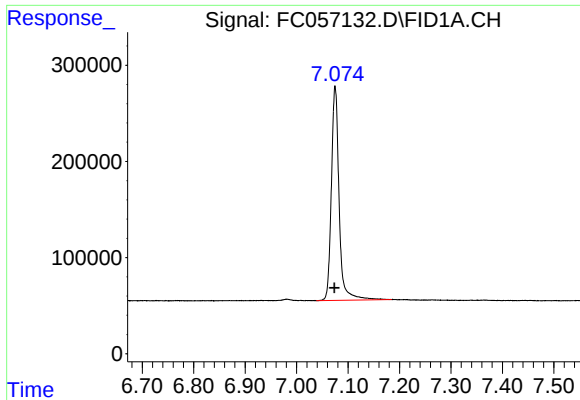
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 2319088
Conc: 20.77 ug/ml



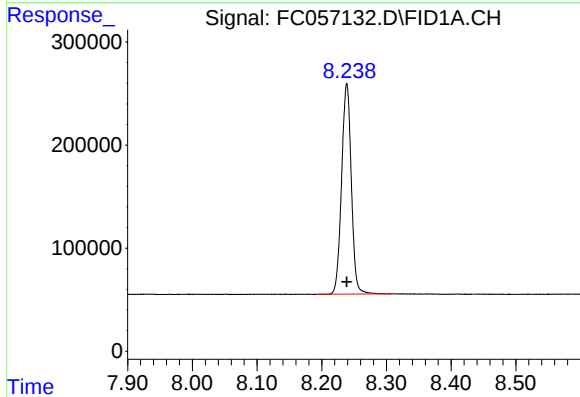
#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 2145394
Conc: 21.16 ug/ml



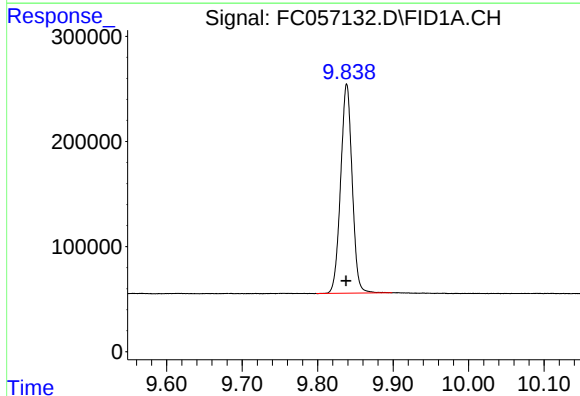
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: 0.001 min
Response: 2326001
Conc: 21.10 ug/ml



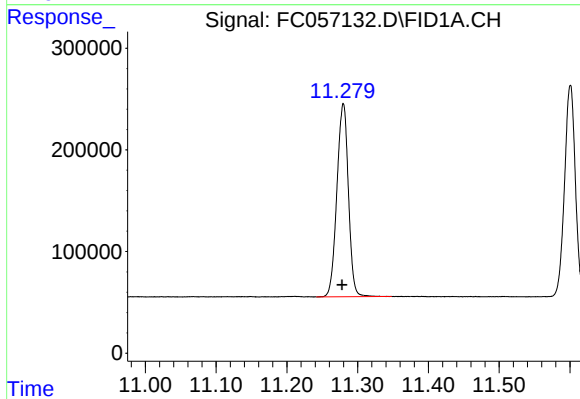
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 2132787
Conc: 21.05 ug/ml



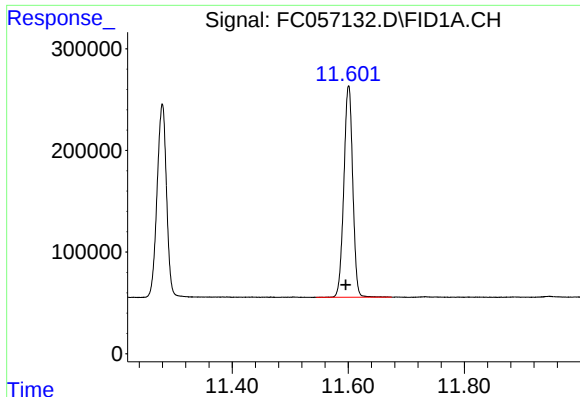
#7 n-Hexadecane (C16)

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 2109746
Conc: 20.56 ug/ml



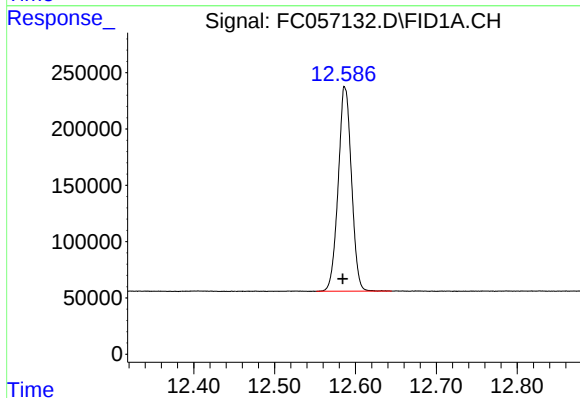
#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: 0.002 min
Response: 2145409
Conc: 20.02 ug/ml



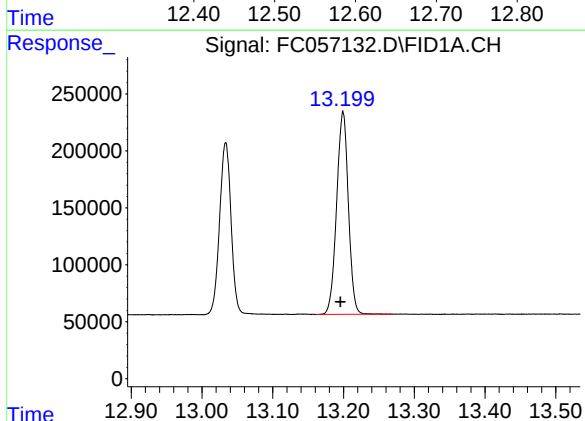
#9 ortho-Terphenyl (SURR)

R.T.: 11.601 min
Delta R.T.: 0.005 min
Response: 2214323
Conc: 19.08 ug/ml



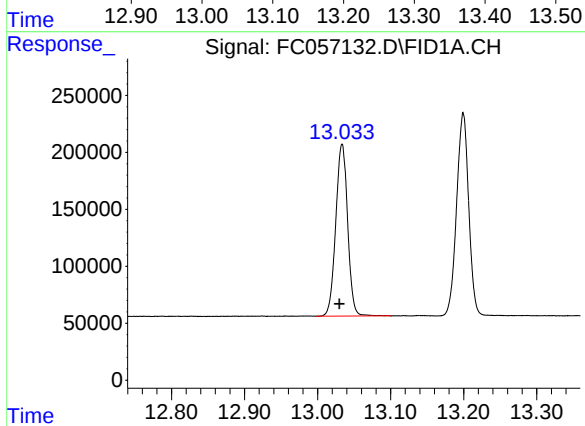
#10 n-Eicosane (C20)

R.T.: 12.587 min
Delta R.T.: 0.003 min
Response: 2069031
Conc: 19.34 ug/ml



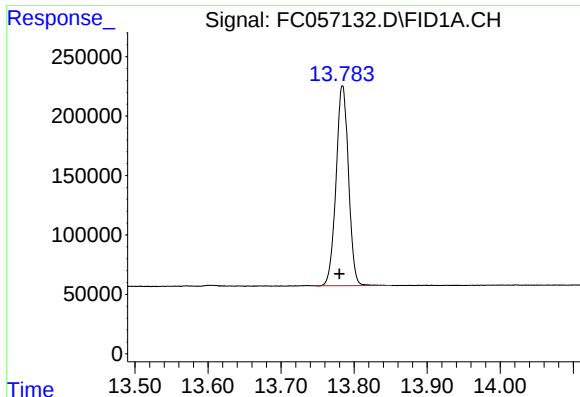
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: 0.004 min
Response: 2051151
Conc: 18.94 ug/ml



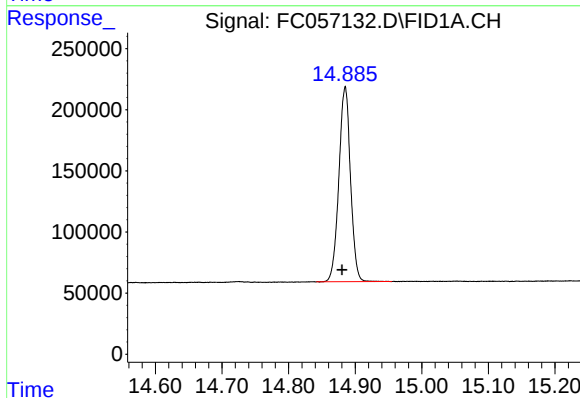
#12 1-chlorooctadecane (SURR)

R.T.: 13.034 min
Delta R.T.: 0.004 min
Response: 1707611
Conc: 18.76 ug/ml



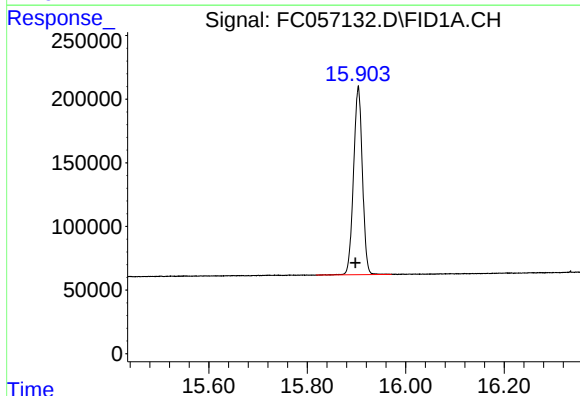
#13 n-Docosane (C22)

R.T.: 13.784 min
Delta R.T.: 0.004 min
Response: 1994411
Conc: 18.62 ug/ml



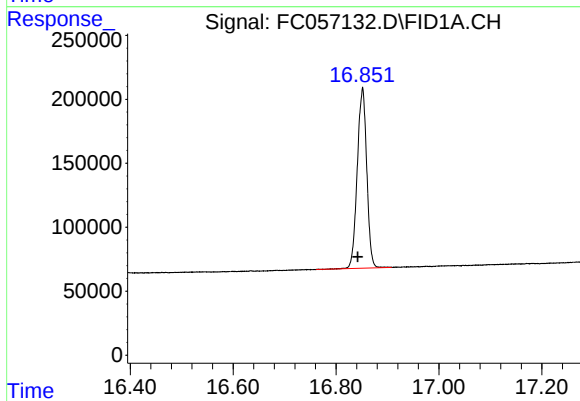
#14 n-Tetracosane (C24)

R.T.: 14.885 min
Delta R.T.: 0.004 min
Response: 1931372
Conc: 17.84 ug/ml



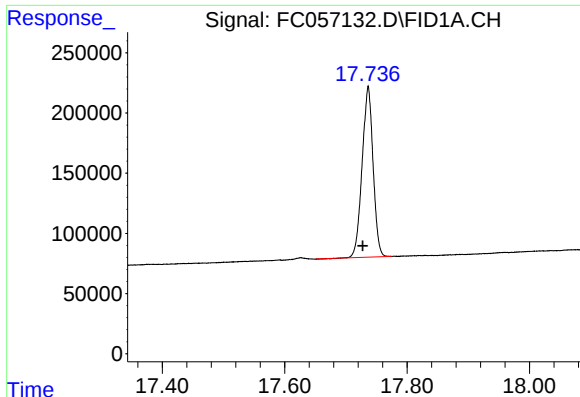
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: 0.006 min
Response: 1841975
Conc: 17.29 ug/ml



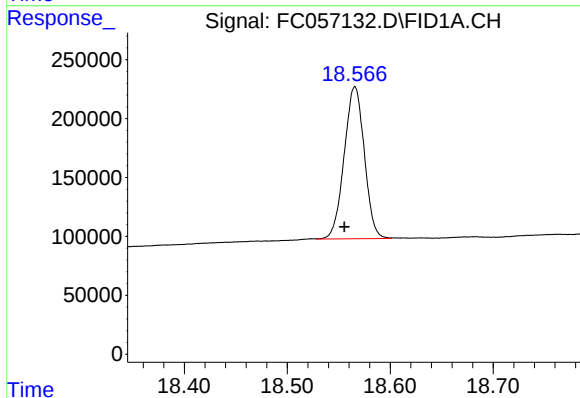
#16 n-Octacosane (C28)

R.T.: 16.851 min
Delta R.T.: 0.009 min
Response: 1799114
Conc: 16.87 ug/ml



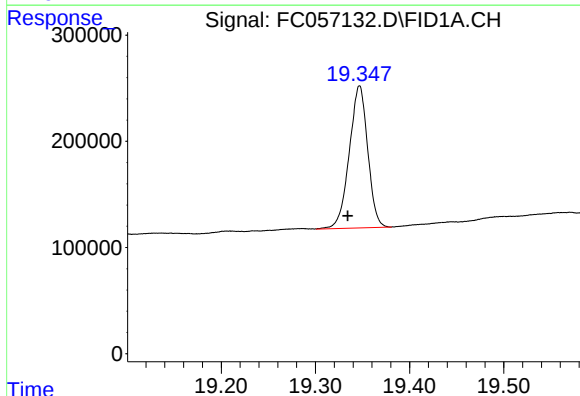
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: 0.009 min
Response: 1761837
Conc: 16.53 ug/ml



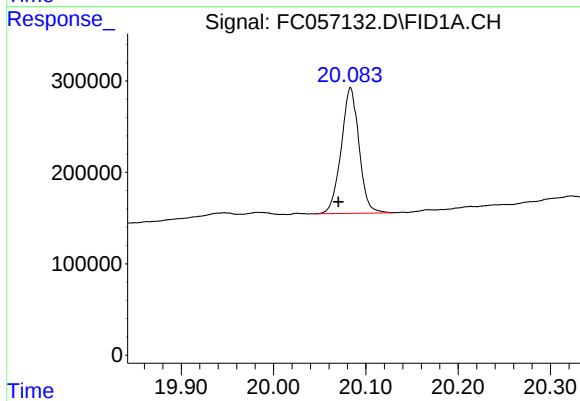
#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: 0.010 min
Response: 1755572
Conc: 16.64 ug/ml m



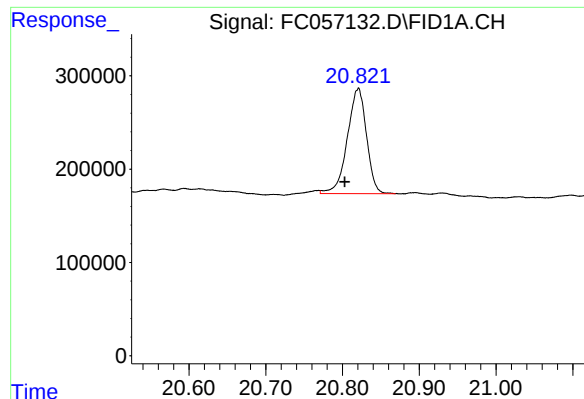
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: 0.012 min
Response: 1819842
Conc: 17.52 ug/ml m



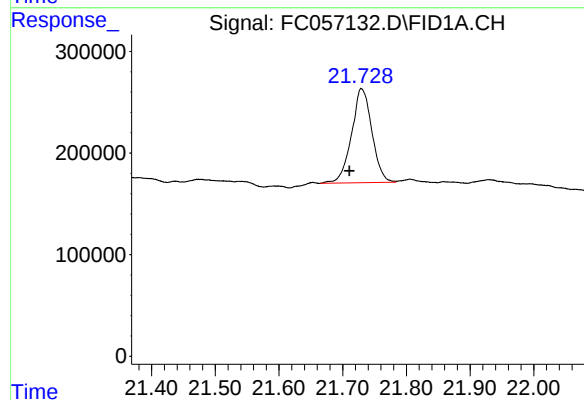
#20 n-Hexatriacontane (C36)

R.T.: 20.083 min
Delta R.T.: 0.013 min
Response: 1846575
Conc: 18.28 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.821 min
Delta R.T.: 0.018 min
Response: 1957843
Conc: 21.33 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.728 min
Delta R.T.: 0.018 min
Response: 2056441
Conc: 22.83 ug/ml m