

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112021AL\
 Data File : FC056980.D
 Signal(s) : FID1A.CH
 Acq On : 20 Nov 2021 15:23
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 22 00:23:12 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)	11.592	2287401	19.711 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
12) S 1-chlorooctadecane (S...	13.023	1787370	19.633 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T n-Nonane (C9)	3.360	2015173	19.887 ug/ml
2) T n-Decane (C10)	4.425	2016387	20.136 ug/ml
3) T A~Naphthalene (C11.7)	6.013	2270785	20.336 ug/ml
4) T n-Dodecane (C12)	6.441	2044522	20.165 ug/ml
5) T A~2-methylnaphthalene...	7.068	2260868	20.505 ug/ml
6) T n-Tetradecane (C14)	8.234	2049332	20.226 ug/ml
7) T n-Hexadecane (C16)	9.833	2065692	20.130 ug/ml
8) T n-Octadecane (C18)	11.272	2131196	19.892 ug/ml
10) T n-Eicosane (C20)	12.580	2114447	19.769 ug/ml
11) T n-Heneicosane (C21)	13.190	2133769	19.704 ug/ml
13) T n-Docosane (C22)	13.775	2097385	19.577 ug/ml
14) T n-Tetracosane (C24)	14.874	2085038	19.260 ug/ml
15) T n-Hexacosane (C26)	15.891	2002687	18.801 ug/ml
16) T n-Octacosane (C28)	16.837	1959990	18.375 ug/ml
17) T n-Tricontane (C30)	17.722	1905013	17.873 ug/ml
18) T n-Dotriacontane (C32)	18.550	1833045	17.378 ug/ml
19) T n-Tetratriacontane (C34)	19.329	1774371	17.080 ug/ml
20) T n-Hexatriacontane (C36)	20.065	1701798	16.848 ug/ml
21) T n-Octatriacontane (C38)	20.794	1650714	17.982 ug/ml
22) T n-Tetracontane (C40)	21.700	1697238	18.841 ug/ml

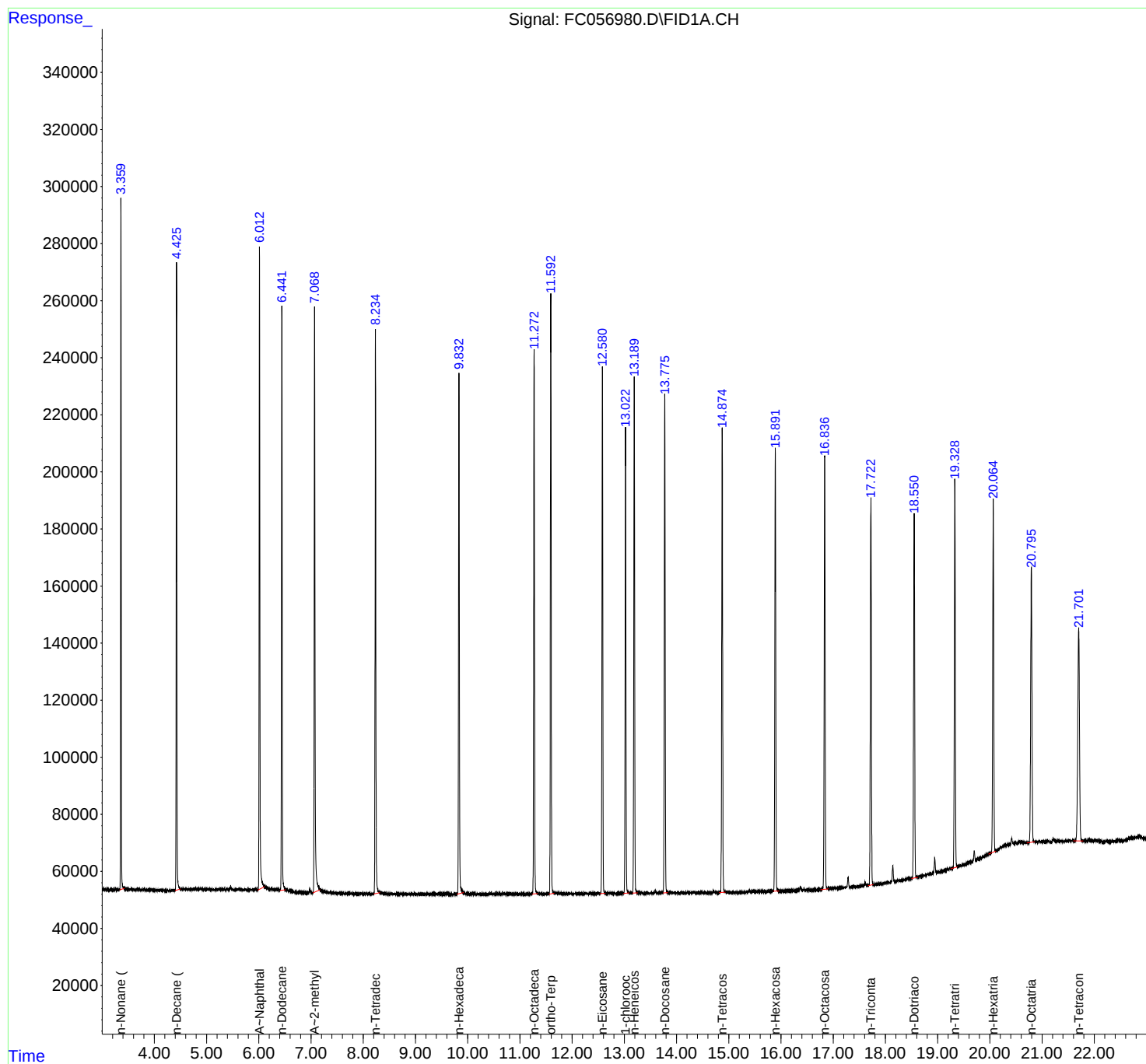
(f)=RT Delta > 1/2 Window

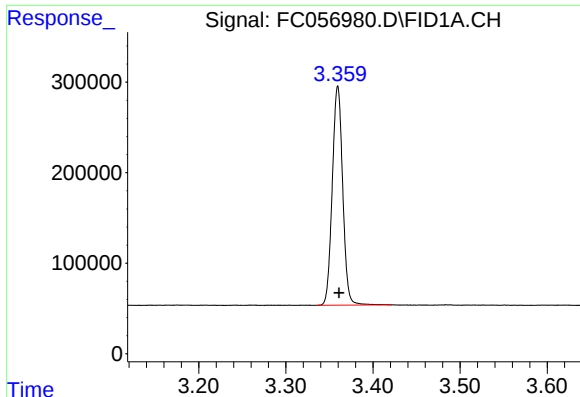
(m)=manual int.

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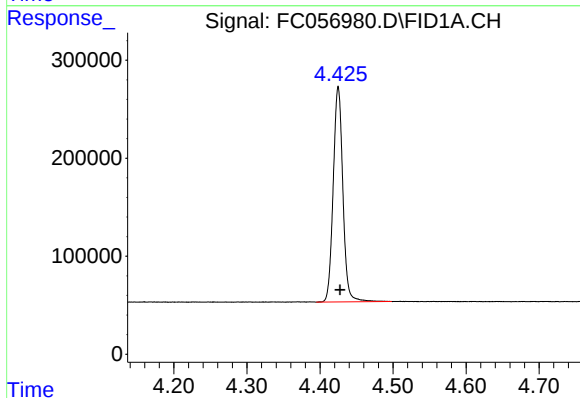
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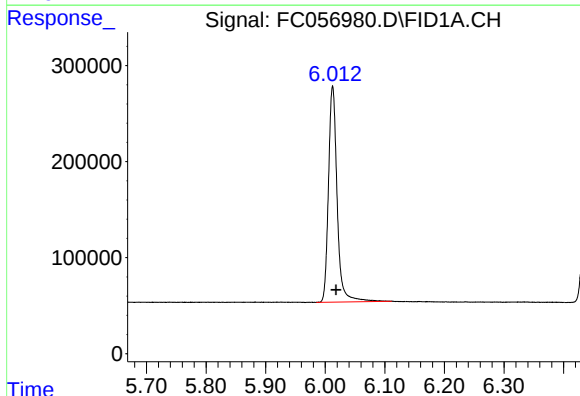
#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: -0.001 min
Response: 2015173
Conc: 19.89 ug/ml



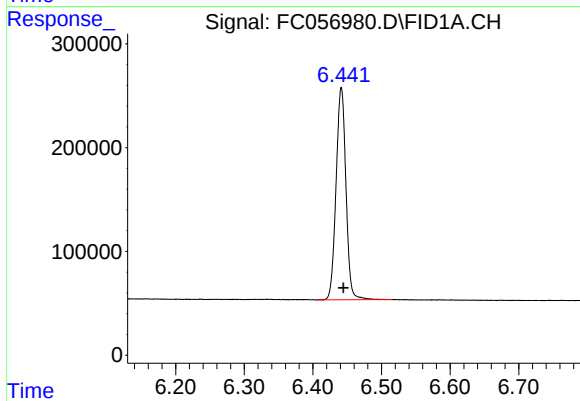
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.003 min
Response: 2016387
Conc: 20.14 ug/ml



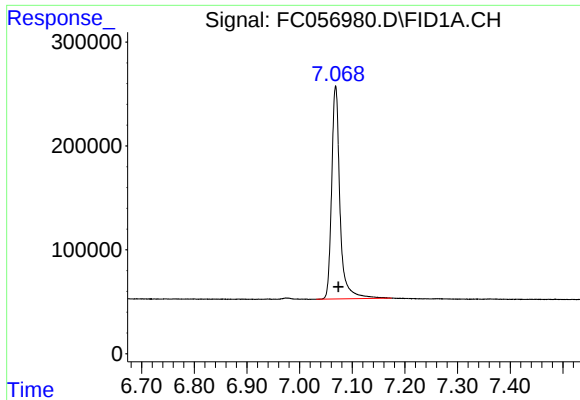
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 2270785
Conc: 20.34 ug/ml



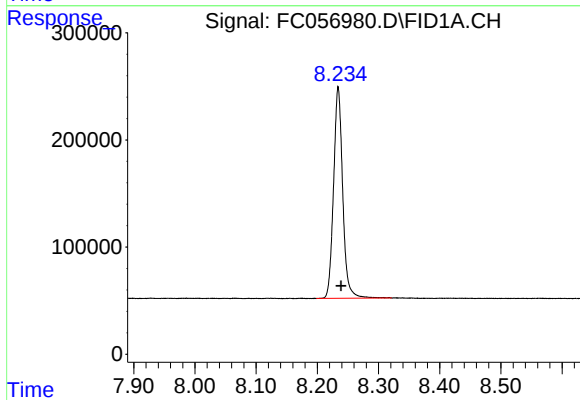
#4 n-Dodecane (C12)

R.T.: 6.441 min
Delta R.T.: -0.003 min
Response: 2044522
Conc: 20.16 ug/ml



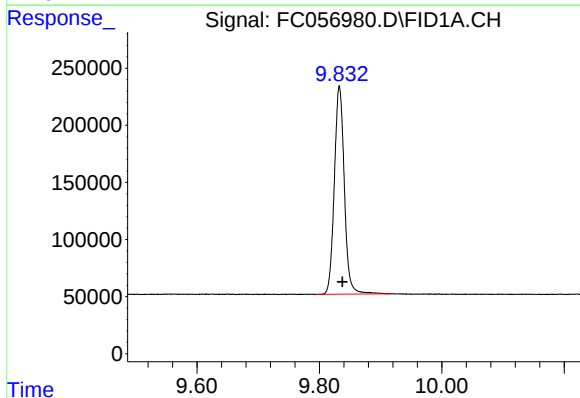
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.068 min
Delta R.T.: -0.005 min
Response: 2260868
Conc: 20.50 ug/ml



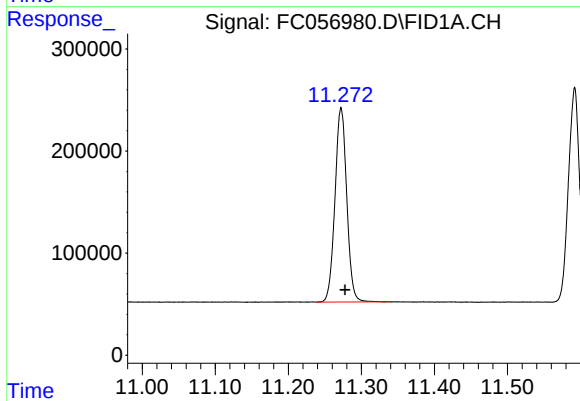
#6 n-Tetradecane (C14)

R.T.: 8.234 min
Delta R.T.: -0.005 min
Response: 2049332
Conc: 20.23 ug/ml



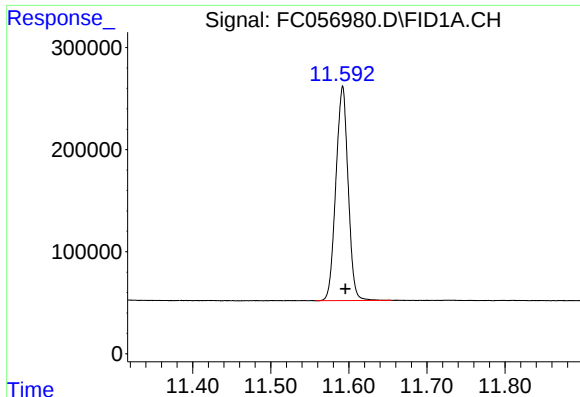
#7 n-Hexadecane (C16)

R.T.: 9.833 min
Delta R.T.: -0.005 min
Response: 2065692
Conc: 20.13 ug/ml



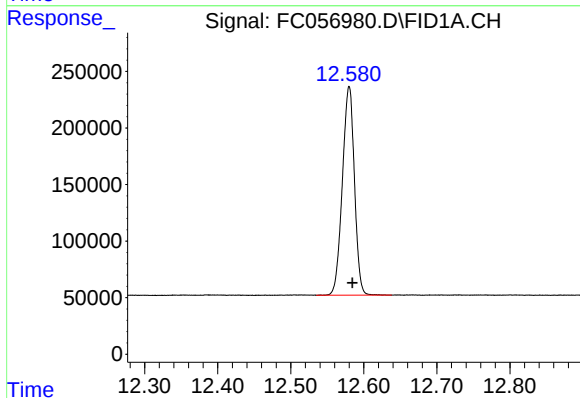
#8 n-Octadecane (C18)

R.T.: 11.272 min
Delta R.T.: -0.006 min
Response: 2131196
Conc: 19.89 ug/ml



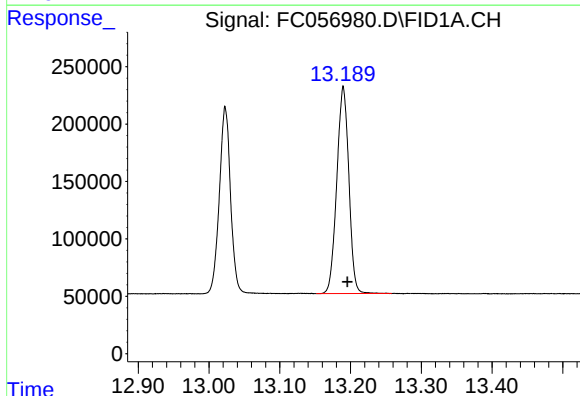
#9 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: -0.004 min
Response: 2287401
Conc: 19.71 ug/ml



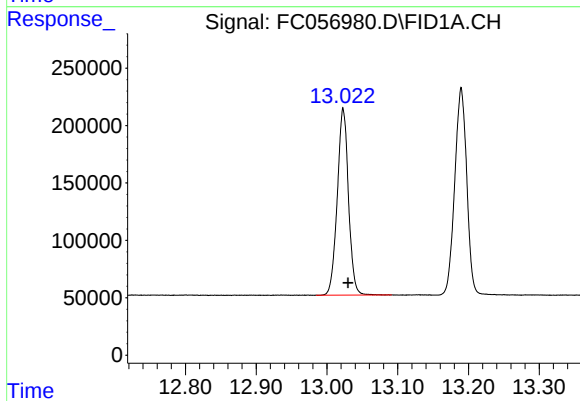
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: -0.005 min
Response: 2114447
Conc: 19.77 ug/ml



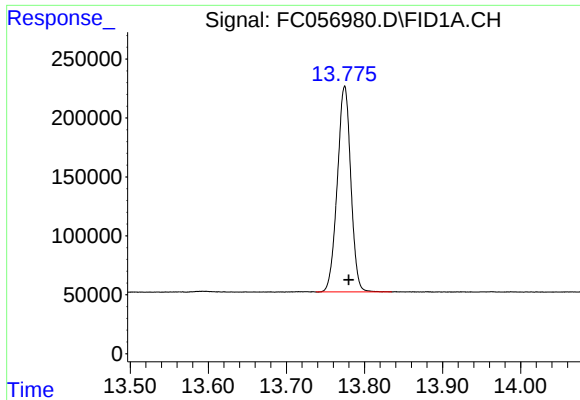
#11 n-Heneicosane (C21)

R.T.: 13.190 min
Delta R.T.: -0.006 min
Response: 2133769
Conc: 19.70 ug/ml



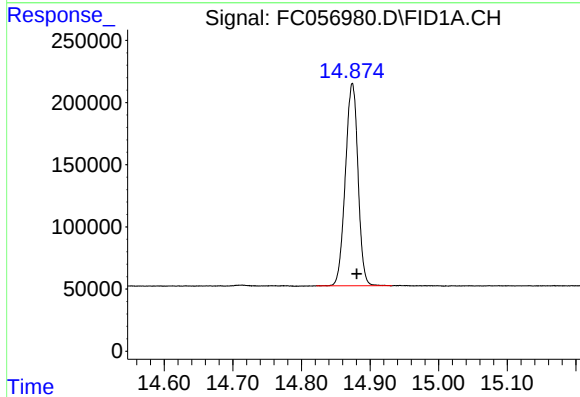
#12 1-chlorooctadecane (SURR)

R.T.: 13.023 min
Delta R.T.: -0.007 min
Response: 1787370
Conc: 19.63 ug/ml



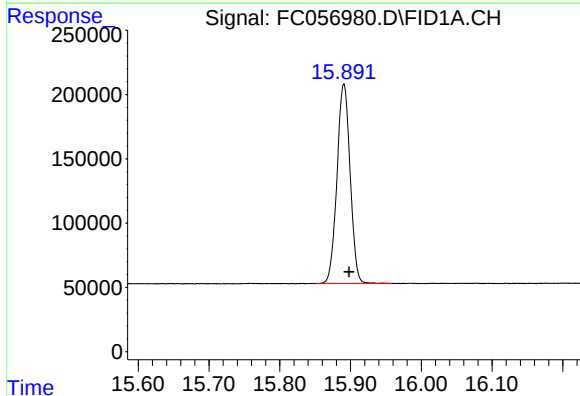
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: -0.005 min
Response: 2097385
Conc: 19.58 ug/ml



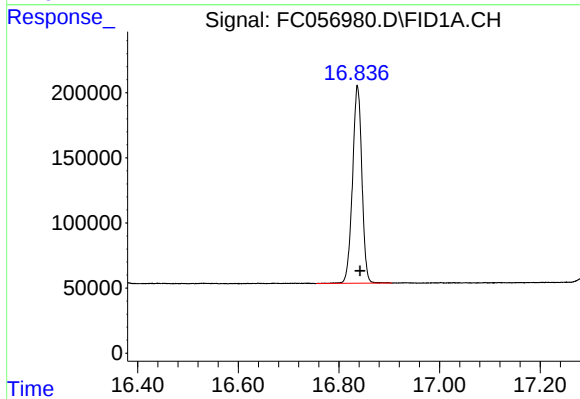
#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: -0.007 min
Response: 2085038
Conc: 19.26 ug/ml



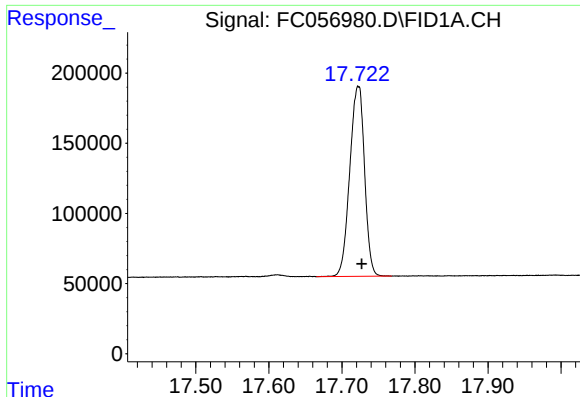
#15 n-Hexacosane (C26)

R.T.: 15.891 min
Delta R.T.: -0.007 min
Response: 2002687
Conc: 18.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: -0.005 min
Response: 1959990
Conc: 18.38 ug/ml



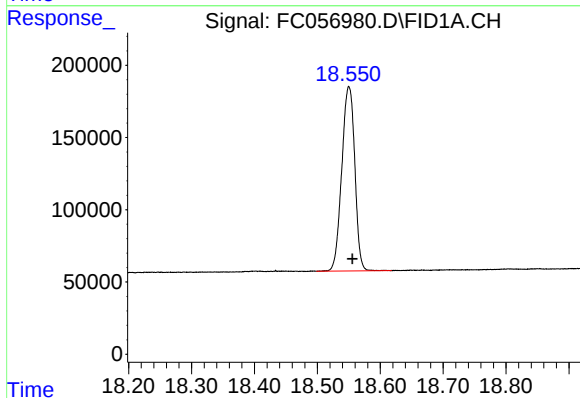
#17 n-Tricontane (C30)

R.T.: 17.722 min

Delta R.T.: -0.005 min

Response: 1905013

Conc: 17.87 ug/ml



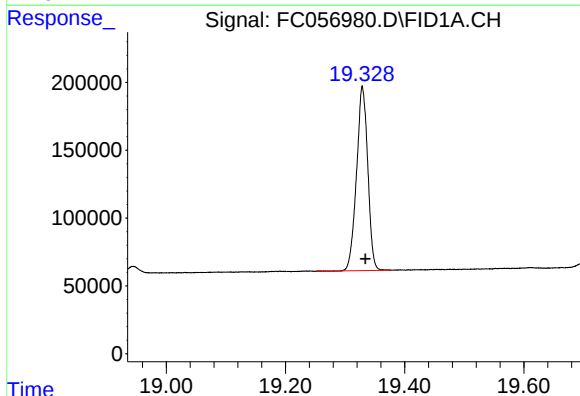
#18 n-Dotriacontane (C32)

R.T.: 18.550 min

Delta R.T.: -0.005 min

Response: 1833045

Conc: 17.38 ug/ml



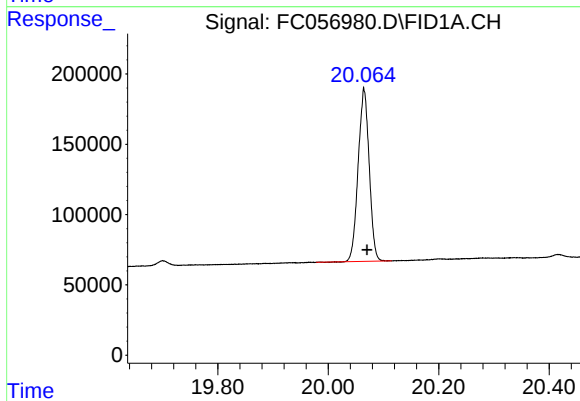
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min

Delta R.T.: -0.005 min

Response: 1774371

Conc: 17.08 ug/ml



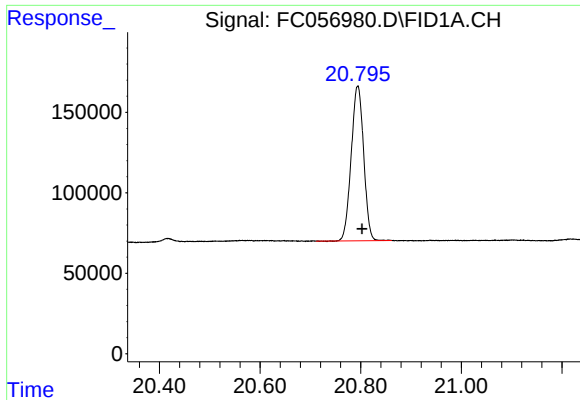
#20 n-Hexatriacontane (C36)

R.T.: 20.065 min

Delta R.T.: -0.006 min

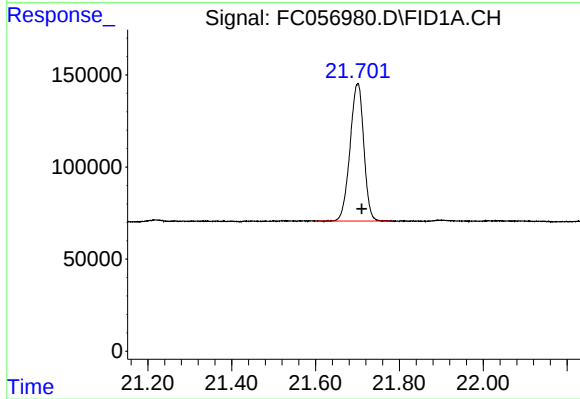
Response: 1701798

Conc: 16.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.009 min
Response: 1650714
Conc: 17.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.700 min
Delta R.T.: -0.010 min
Response: 1697238
Conc: 18.84 ug/ml