

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112021AL\
 Data File : FC056961.D
 Signal(s) : FID1A.CH
 Acq On : 20 Nov 2021 3:14
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 20 06:09:40 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	2316735	19.964 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	13.026	1812897	19.914 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T n-Nonane (C9)	3.359	2018223	19.917 ug/ml
2) T n-Decane (C10)	4.425	2019931	20.171 ug/ml
3) T A~Naphthalene (C11.7)	6.014	2256086	20.205 ug/ml
4) T n-Dodecane (C12)	6.442	2036512	20.086 ug/ml
5) T A~2-methylnaphthalene...	7.070	2285959	20.732 ug/ml
6) T n-Tetradecane (C14)	8.236	2055893	20.291 ug/ml
7) T n-Hexadecane (C16)	9.835	2078965	20.260 ug/ml
8) T n-Octadecane (C18)	11.274	2159539	20.157 ug/ml
10) T n-Eicosane (C20)	12.580	2144708	20.052 ug/ml
11) T n-Heneicosane (C21)	13.190	2177163	20.104 ug/ml
13) T n-Docosane (C22)	13.776	2125078	19.836 ug/ml
14) T n-Tetracosane (C24)	14.876	2107461	19.467 ug/ml
15) T n-Hexacosane (C26)	15.893	2014403	18.911 ug/ml
16) T n-Octacosane (C28)	16.839	1962416	18.398 ug/ml
17) T n-Tricontane (C30)	17.723	1899930	17.825 ug/ml
18) T n-Dotriacontane (C32)	18.551	1820707	17.261 ug/ml
19) T n-Tetratriacontane (C34)	19.331	1768537	17.024 ug/ml
20) T n-Hexatriacontane (C36)	20.068	1734056	17.168 ug/ml
21) T n-Octatriacontane (C38)	20.796	1652071	17.997 ug/ml
22) T n-Tetracontane (C40)	21.702	1683730	18.691 ug/ml

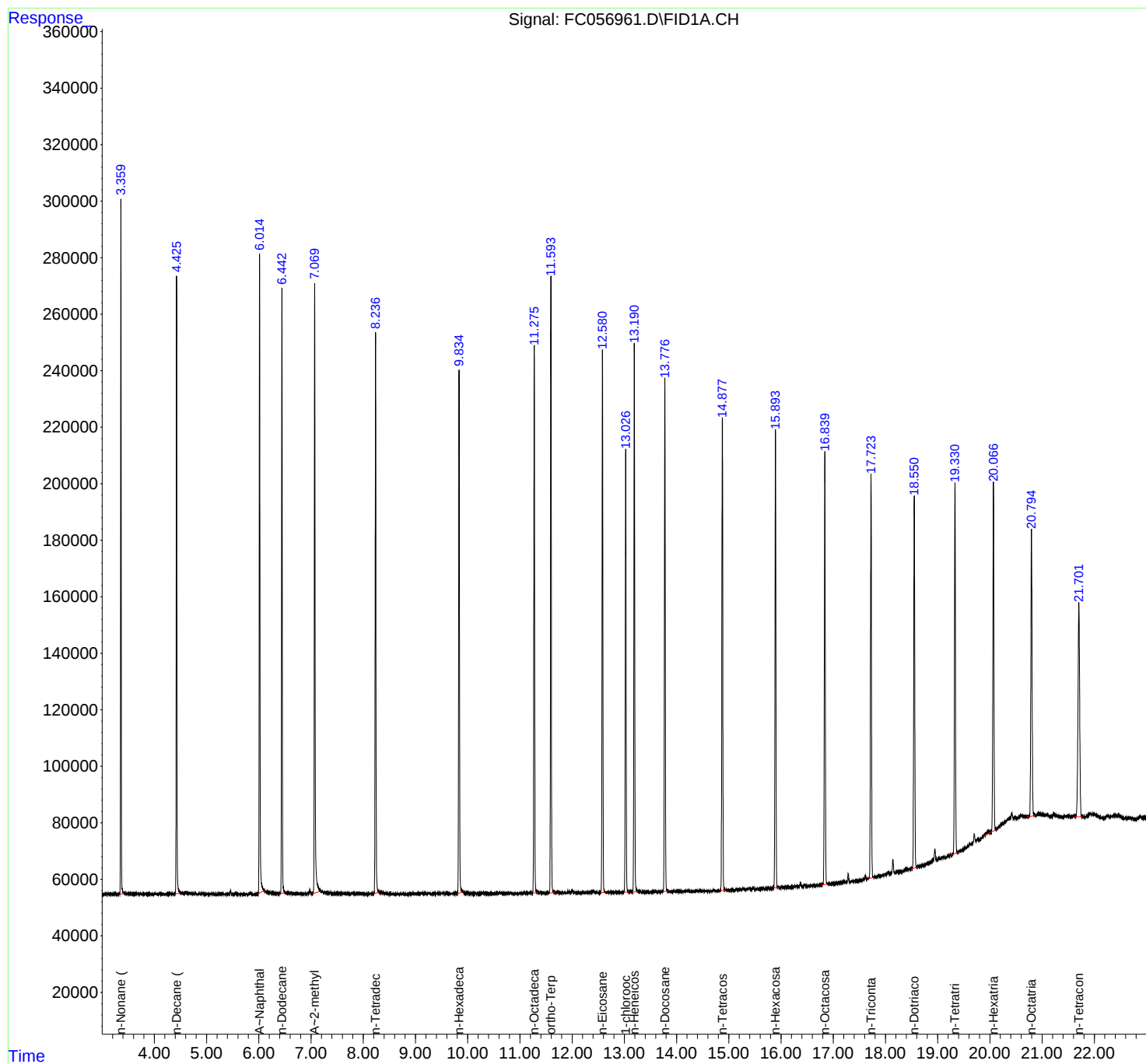
(f)=RT Delta > 1/2 Window

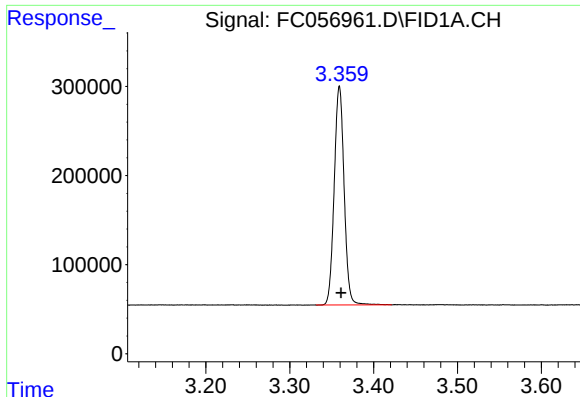
(m)=manual int.

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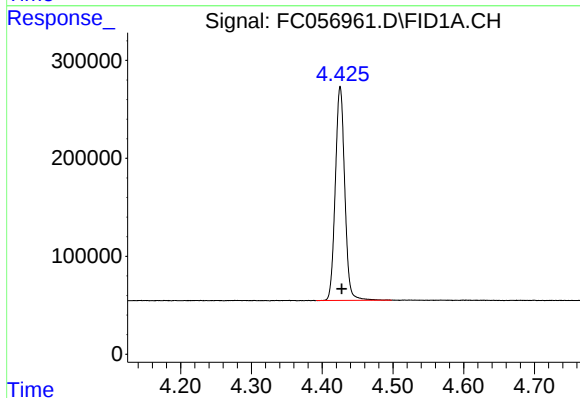
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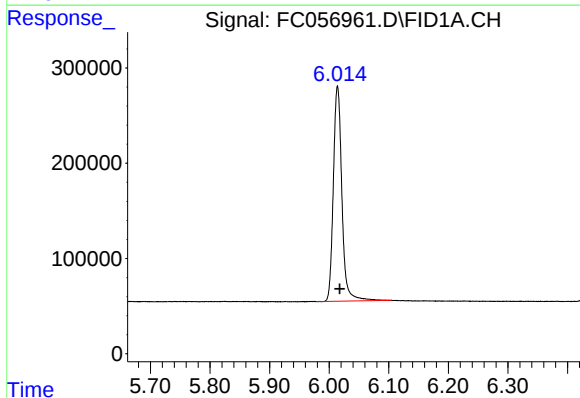
#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: -0.002 min
Response: 2018223
Conc: 19.92 ug/ml



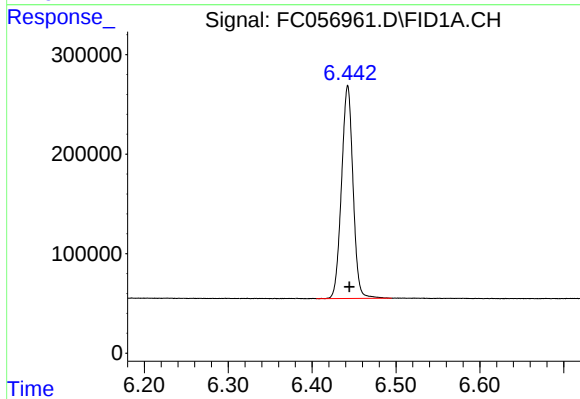
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.002 min
Response: 2019931
Conc: 20.17 ug/ml



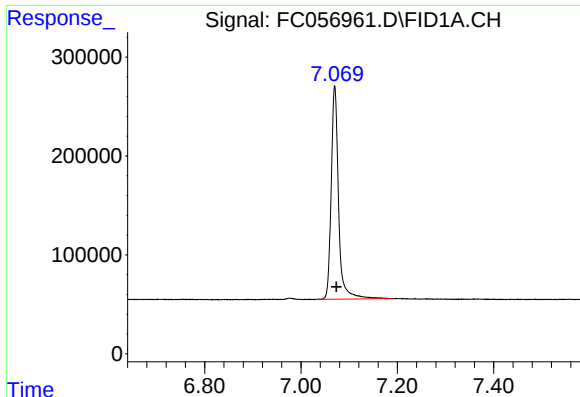
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 2256086
Conc: 20.20 ug/ml



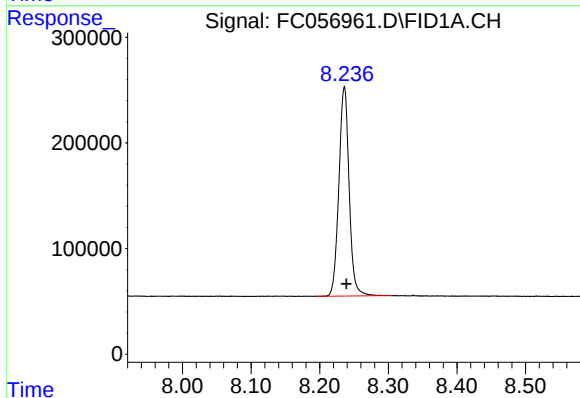
#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: -0.002 min
Response: 2036512
Conc: 20.09 ug/ml



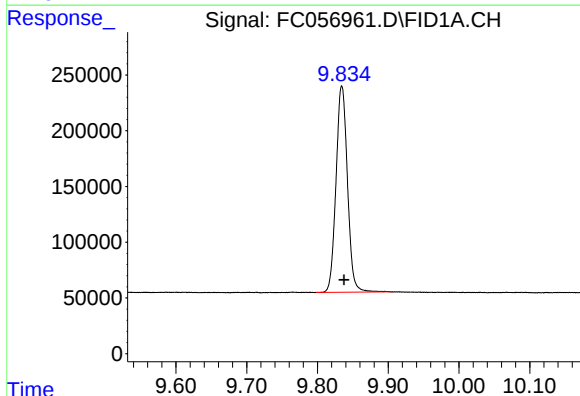
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 2285959
Conc: 20.73 ug/ml



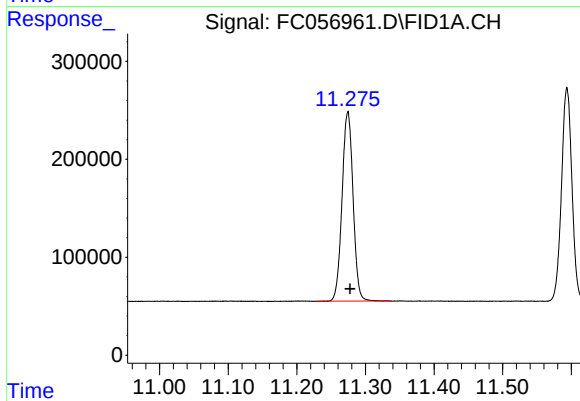
#6 n-Tetradecane (C14)

R.T.: 8.236 min
Delta R.T.: -0.003 min
Response: 2055893
Conc: 20.29 ug/ml



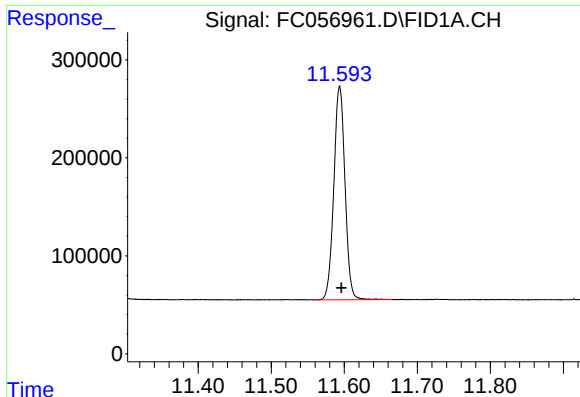
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.003 min
Response: 2078965
Conc: 20.26 ug/ml



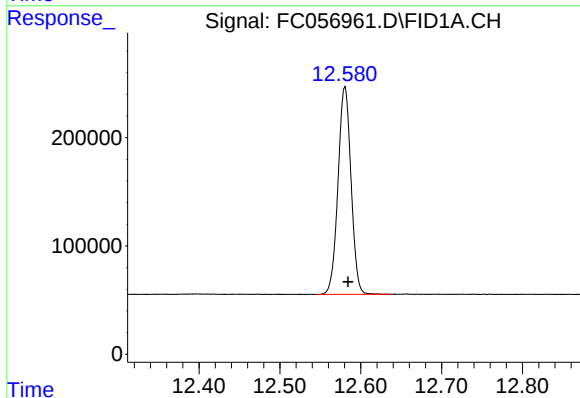
#8 n-Octadecane (C18)

R.T.: 11.274 min
Delta R.T.: -0.004 min
Response: 2159539
Conc: 20.16 ug/ml



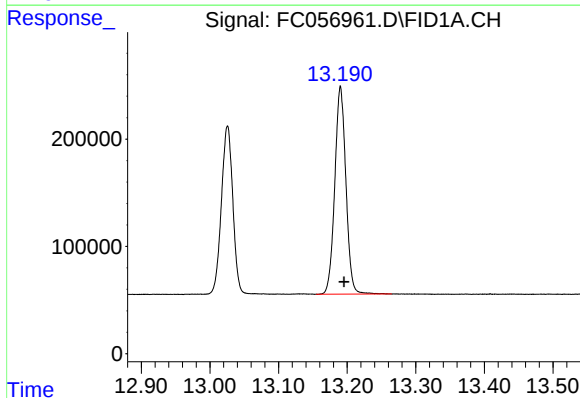
#9 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: -0.002 min
Response: 2316735
Conc: 19.96 ug/ml



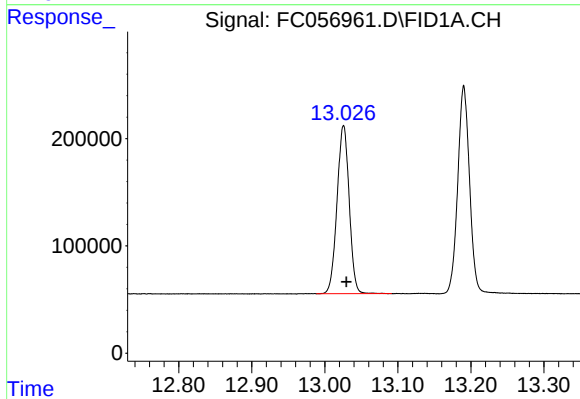
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: -0.004 min
Response: 2144708
Conc: 20.05 ug/ml



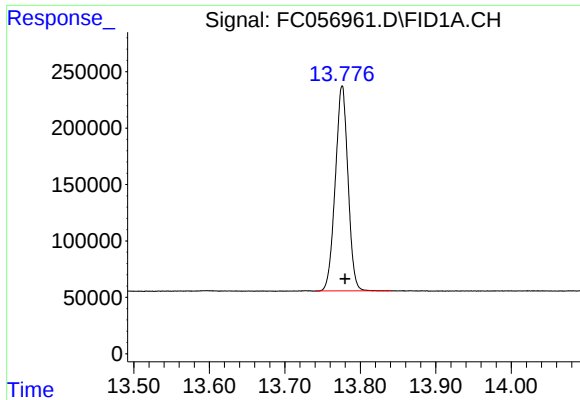
#11 n-Heneicosane (C21)

R.T.: 13.190 min
Delta R.T.: -0.005 min
Response: 2177163
Conc: 20.10 ug/ml



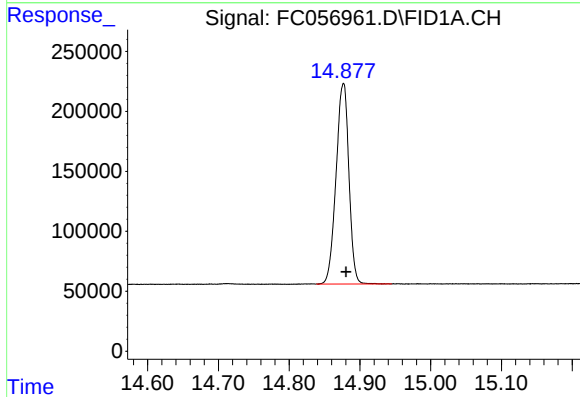
#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: -0.004 min
Response: 1812897
Conc: 19.91 ug/ml



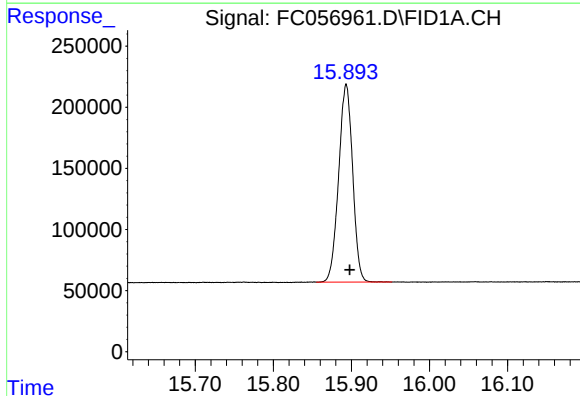
#13 n-Docosane (C22)

R.T.: 13.776 min
Delta R.T.: -0.004 min
Response: 2125078
Conc: 19.84 ug/ml



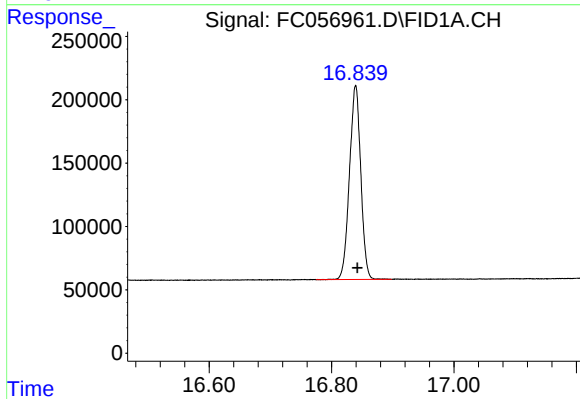
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.004 min
Response: 2107461
Conc: 19.47 ug/ml



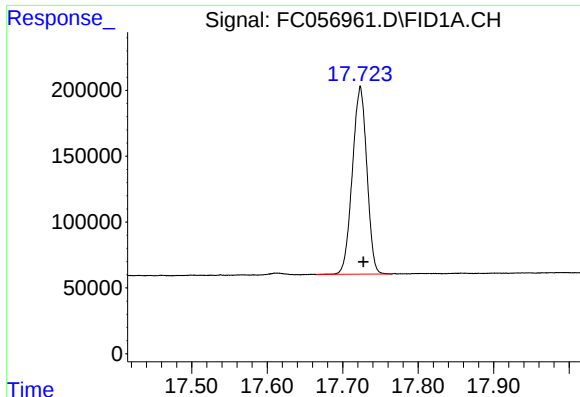
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.005 min
Response: 2014403
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.839 min
Delta R.T.: -0.003 min
Response: 1962416
Conc: 18.40 ug/ml



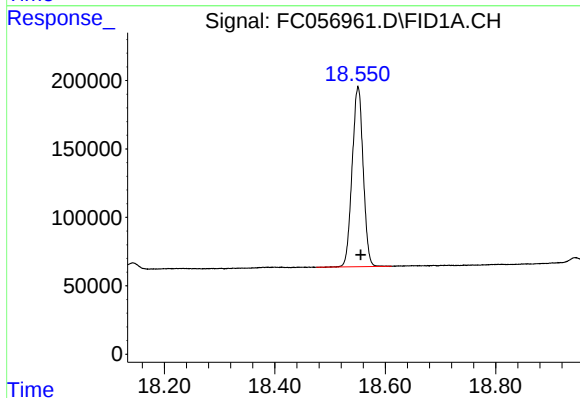
#17 n-Tricontane (C30)

R.T.: 17.723 min

Delta R.T.: -0.004 min

Response: 1899930

Conc: 17.83 ug/ml



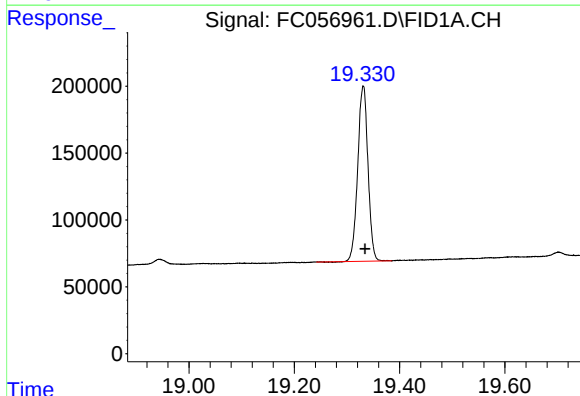
#18 n-Dotriacontane (C32)

R.T.: 18.551 min

Delta R.T.: -0.005 min

Response: 1820707

Conc: 17.26 ug/ml



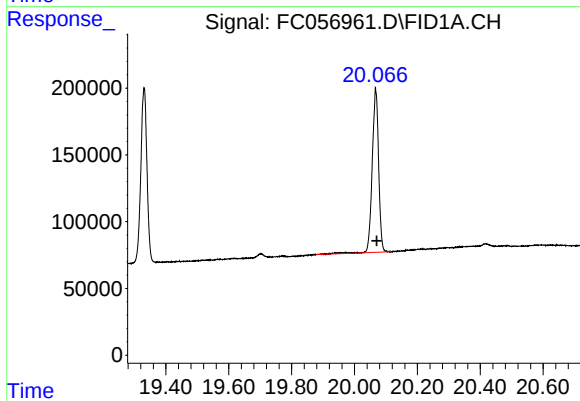
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min

Delta R.T.: -0.004 min

Response: 1768537

Conc: 17.02 ug/ml



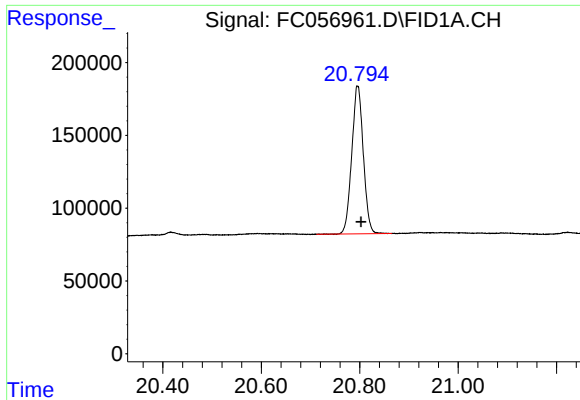
#20 n-Hexatriacontane (C36)

R.T.: 20.068 min

Delta R.T.: -0.003 min

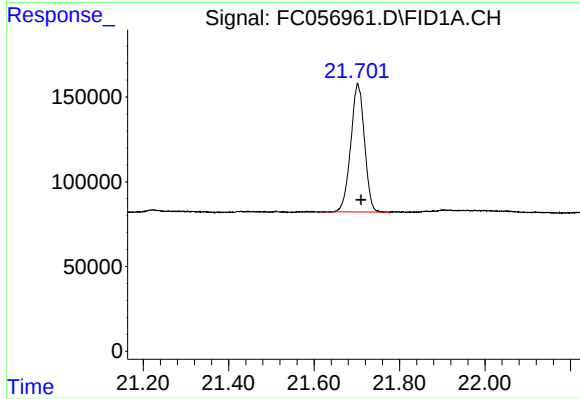
Response: 1734056

Conc: 17.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: -0.007 min
Response: 1652071
Conc: 18.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: -0.008 min
Response: 1683730
Conc: 18.69 ug/ml