

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100521AL\
 Data File : FC056000.D
 Signal(s) : FID1A.CH
 Acq On : 05 Oct 2021 23:09
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 06 00:00:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.649	2107242	17.759 ug/ml
Spiked Amount 50.000		Recovery =	35.52%
12) S 1-chlorooctadecane (S...	13.081	1630162	17.744 ug/ml
Spiked Amount 50.000		Recovery =	35.49%
Target Compounds			
1) T n-Nonane (C9)	3.395	2177464	20.405 ug/ml
2) T n-Decane (C10)	4.465	2175019	20.347 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2376272	19.750 ug/ml
4) T n-Dodecane (C12)	6.486	2157720	19.879 ug/ml
5) T A~2-methylnaphthalene...	7.119	2336987	19.239 ug/ml
6) T n-Tetradecane (C14)	8.282	2122127	19.181 ug/ml
7) T n-Hexadecane (C16)	9.884	2062627	18.634 ug/ml
8) T n-Octadecane (C18)	11.326	2044804	18.270 ug/ml
10) T n-Eicosane (C20)	12.634	1958833	17.934 ug/ml
11) T n-Heneicosane (C21)	13.246	1944316	17.883 ug/ml
13) T n-Docosane (C22)	13.833	1906751	17.854 ug/ml
14) T n-Tetracosane (C24)	14.934	1882710	18.005 ug/ml
15) T n-Hexacosane (C26)	15.953	1847370	18.387 ug/ml
16) T n-Octacosane (C28)	16.902	1842023	19.043 ug/ml
17) T n-Tricontane (C30)	17.786	1878996	20.251 ug/ml
18) T n-Dotriacontane (C32)	18.617	1865347	20.981 ug/ml
19) T n-Tetratriacontane (C34)	19.398	1848094	21.368 ug/ml
20) T n-Hexatriacontane (C36)	20.135	1439535	17.619 ug/ml
21) T n-Octatriacontane (C38)	20.878	1835994	23.040 ug/ml
22) T n-Tetracontane (C40)	21.809	1784004	22.255 ug/ml

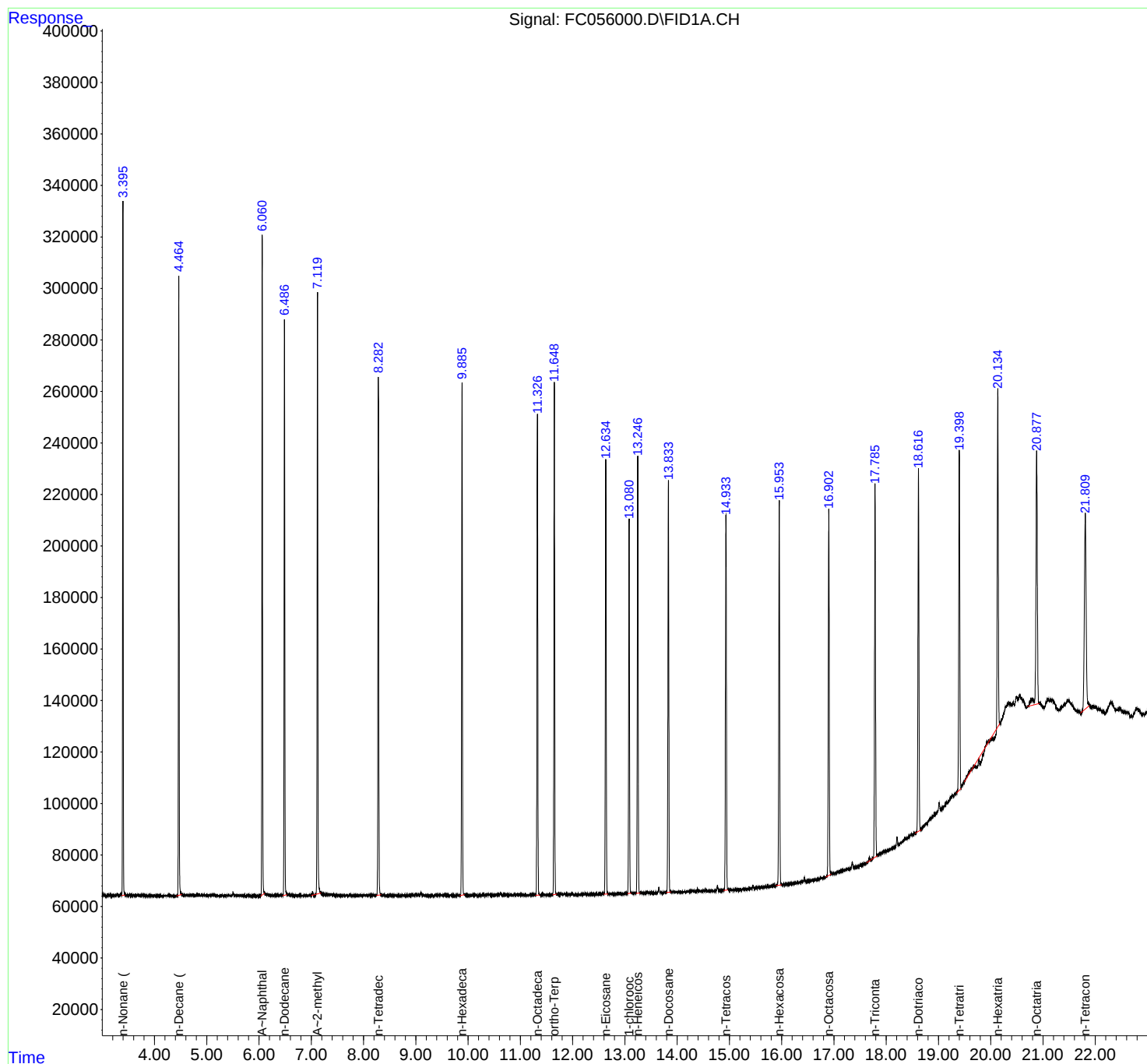
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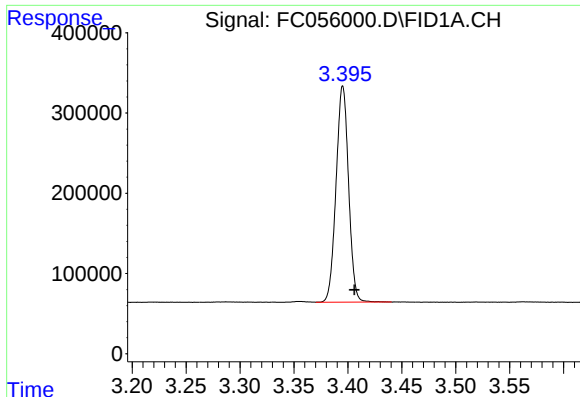
(m)=manual int.

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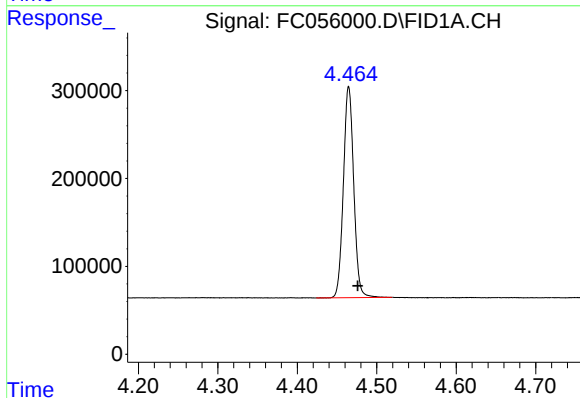
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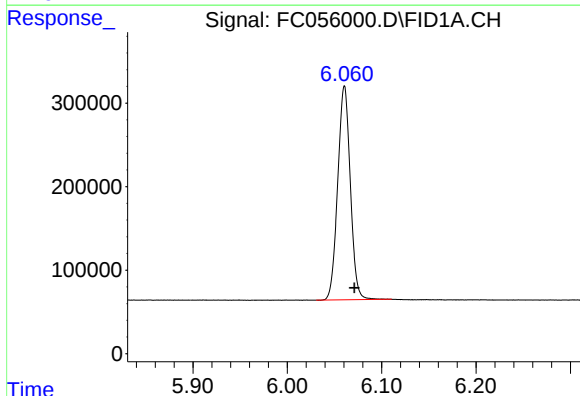
#1 n-Nonane (C9)

R.T.: 3.395 min
Delta R.T.: -0.011 min
Response: 2177464
Conc: 20.40 ug/ml



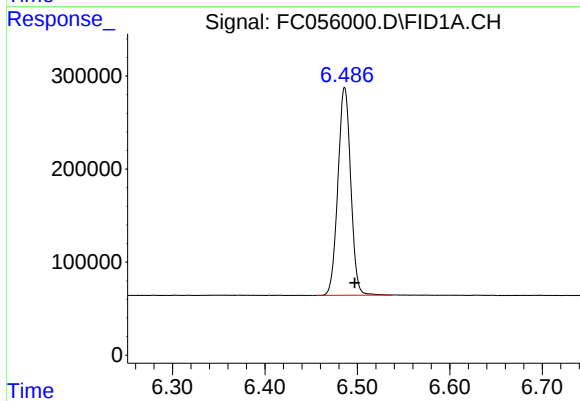
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.011 min
Response: 2175019
Conc: 20.35 ug/ml



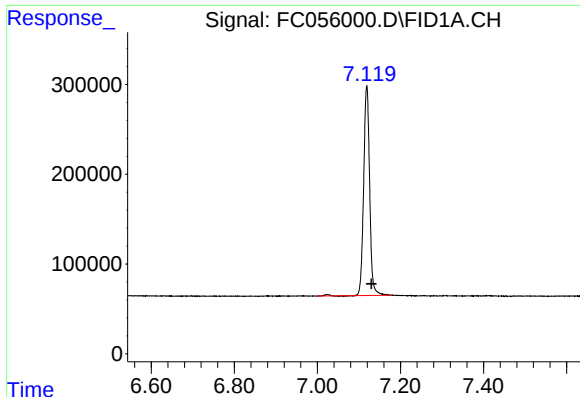
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: -0.010 min
Response: 2376272
Conc: 19.75 ug/ml



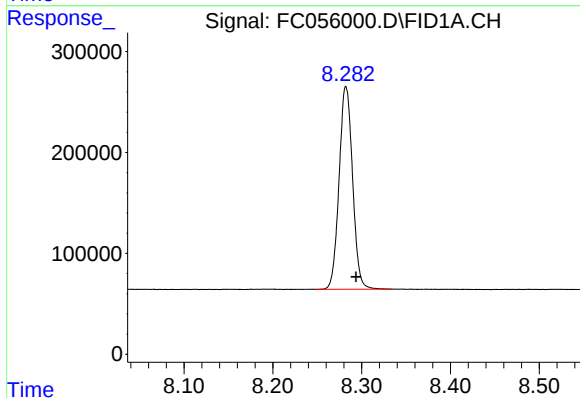
#4 n-Dodecane (C12)

R.T.: 6.486 min
Delta R.T.: -0.011 min
Response: 2157720
Conc: 19.88 ug/ml



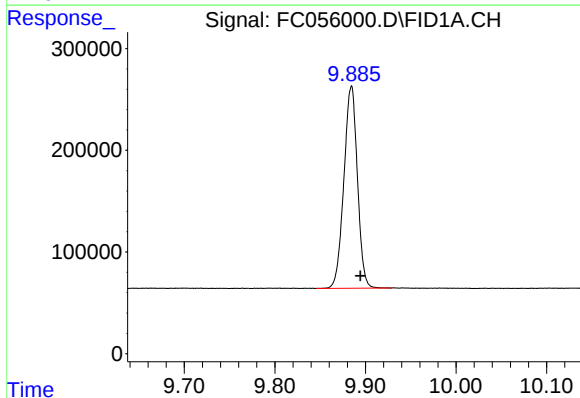
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.119 min
Delta R.T.: -0.011 min
Response: 2336987
Conc: 19.24 ug/ml



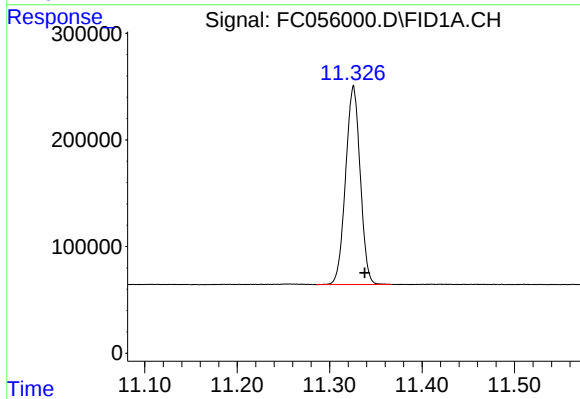
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: -0.011 min
Response: 2122127
Conc: 19.18 ug/ml



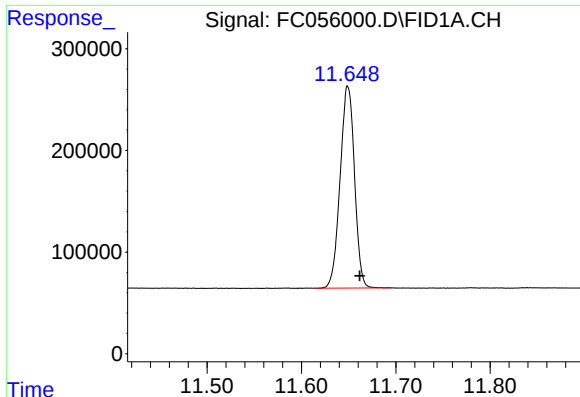
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: -0.010 min
Response: 2062627
Conc: 18.63 ug/ml



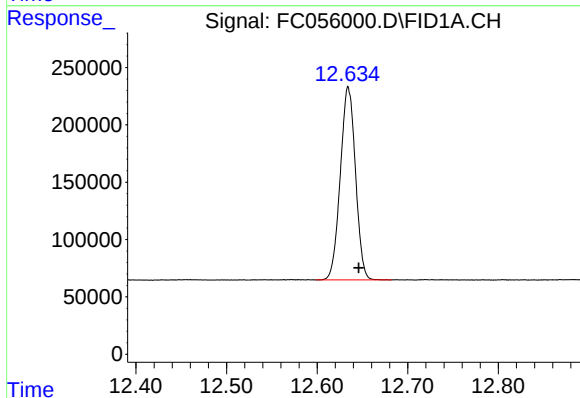
#8 n-Octadecane (C18)

R.T.: 11.326 min
Delta R.T.: -0.012 min
Response: 2044804
Conc: 18.27 ug/ml



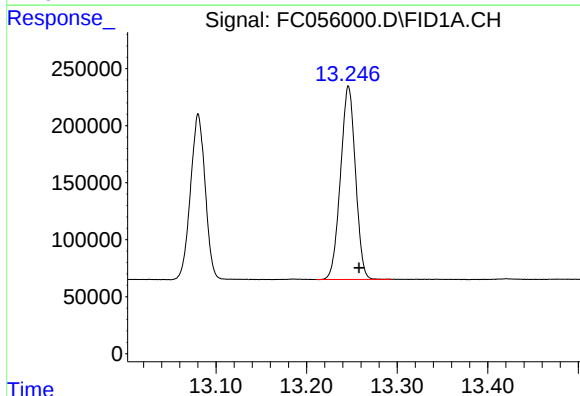
#9 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: -0.012 min
Response: 2107242
Conc: 17.76 ug/ml



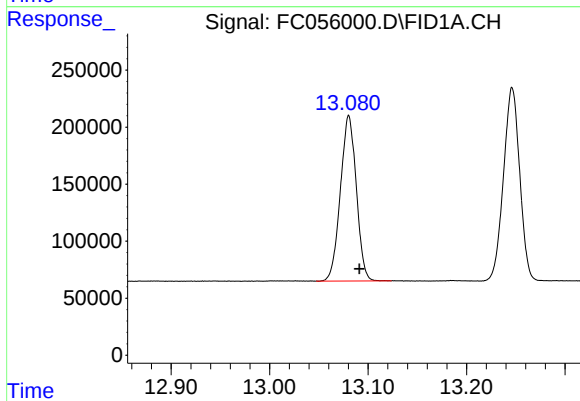
#10 n-Eicosane (C20)

R.T.: 12.634 min
Delta R.T.: -0.012 min
Response: 1958833
Conc: 17.93 ug/ml



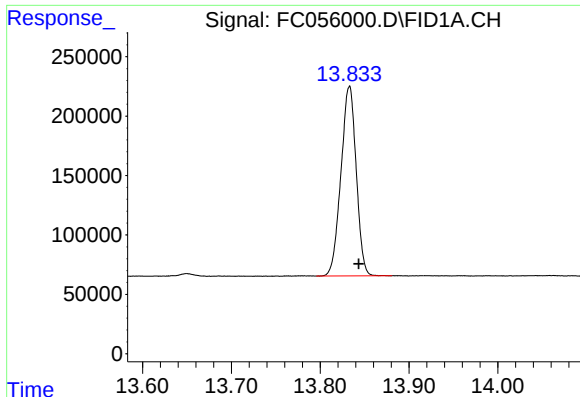
#11 n-Heneicosane (C21)

R.T.: 13.246 min
Delta R.T.: -0.012 min
Response: 1944316
Conc: 17.88 ug/ml



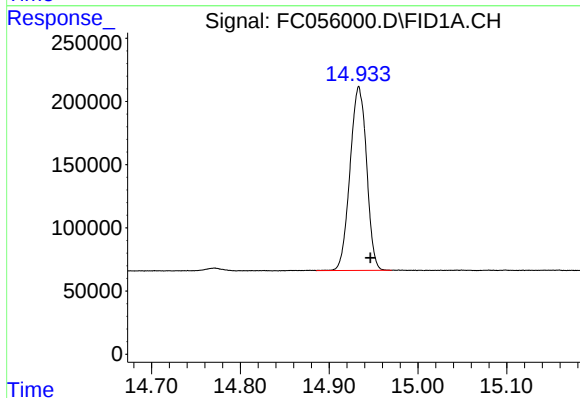
#12 1-chlorooctadecane (SURR)

R.T.: 13.081 min
Delta R.T.: -0.011 min
Response: 1630162
Conc: 17.74 ug/ml



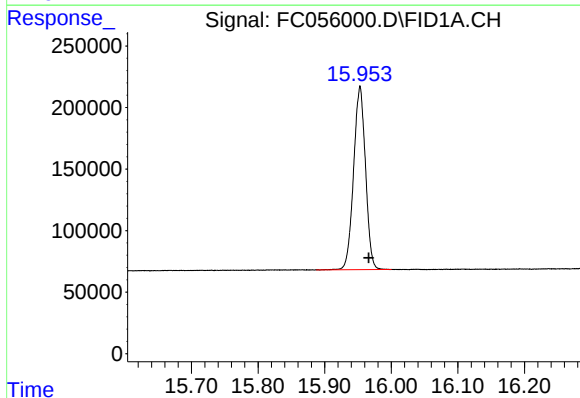
#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: -0.011 min
Response: 1906751
Conc: 17.85 ug/ml



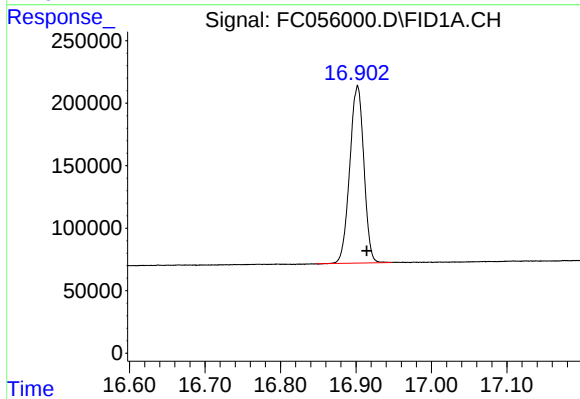
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.013 min
Response: 1882710
Conc: 18.00 ug/ml



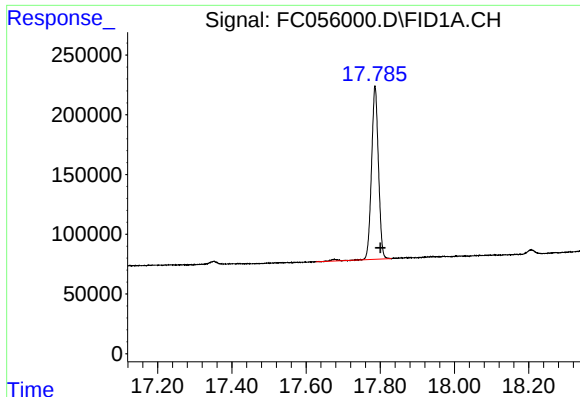
#15 n-Hexacosane (C26)

R.T.: 15.953 min
Delta R.T.: -0.013 min
Response: 1847370
Conc: 18.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.902 min
Delta R.T.: -0.013 min
Response: 1842023
Conc: 19.04 ug/ml



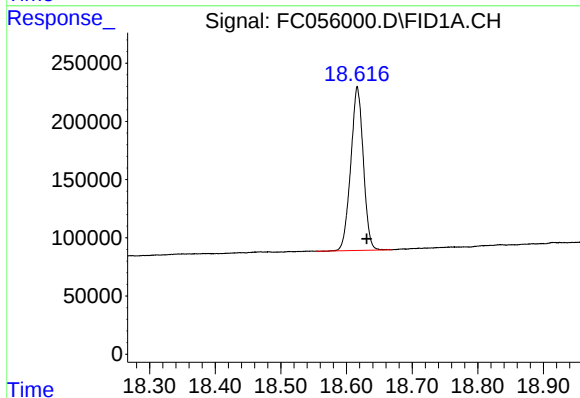
#17 n-Tricontane (C30)

R.T.: 17.786 min

Delta R.T.: -0.014 min

Response: 1878996

Conc: 20.25 ug/ml



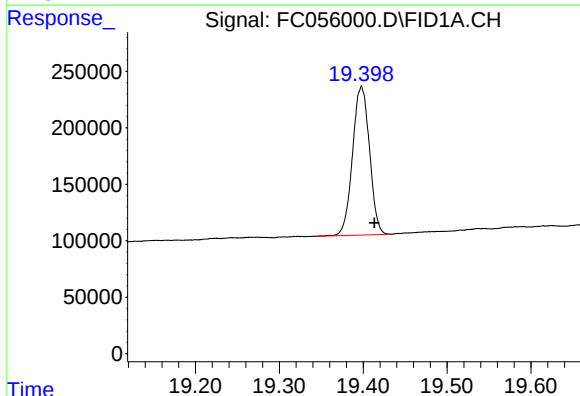
#18 n-Dotriacontane (C32)

R.T.: 18.617 min

Delta R.T.: -0.014 min

Response: 1865347

Conc: 20.98 ug/ml



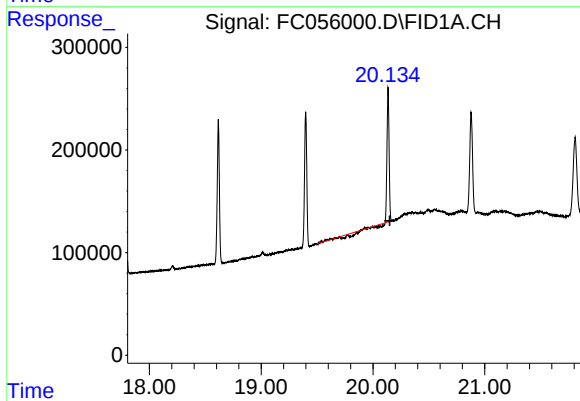
#19 n-Tetratriacontane (C34)

R.T.: 19.398 min

Delta R.T.: -0.015 min

Response: 1848094

Conc: 21.37 ug/ml



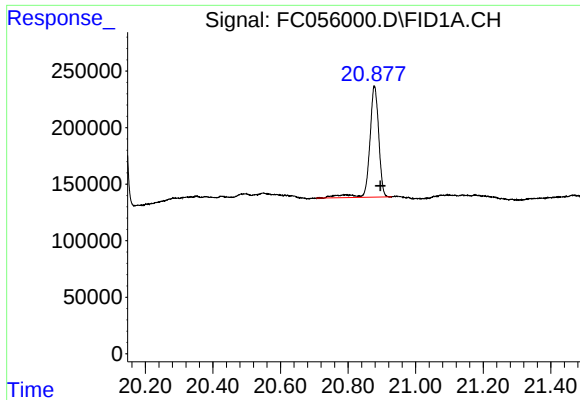
#20 n-Hexatriacontane (C36)

R.T.: 20.135 min

Delta R.T.: -0.016 min

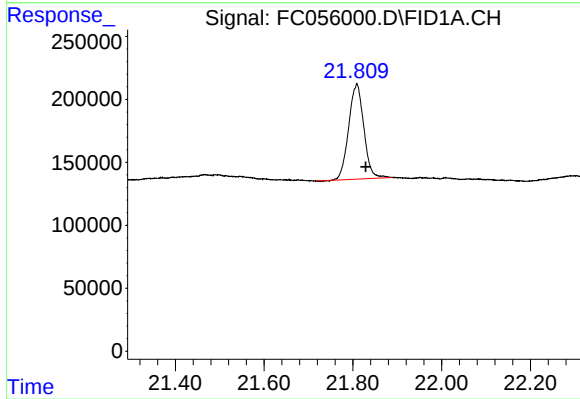
Response: 1439535

Conc: 17.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.878 min
Delta R.T.: -0.017 min
Response: 1835994
Conc: 23.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.809 min
Delta R.T.: -0.021 min
Response: 1784004
Conc: 22.26 ug/ml