

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111821AL\
 Data File : FC056908.D
 Signal(s) : FID1A.CH
 Acq On : 18 Nov 2021 12:20
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 19 00:02:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.602	2276128	18.383 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
12) S 1-chlorooctadecane (S...	13.033	1758310	18.273 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
Target Compounds			
1) T n-Nonane (C9)	3.364	2225407	20.561 ug/ml
2) T n-Decane (C10)	4.431	2232775	20.728 ug/ml
3) T A~Naphthalene (C11.7)	6.020	2478840	20.332 ug/ml
4) T n-Dodecane (C12)	6.448	2262919	20.527 ug/ml
5) T A~2-methylnaphthalene...	7.076	2462885	20.112 ug/ml
6) T n-Tetradecane (C14)	8.242	2248355	20.027 ug/ml
7) T n-Hexadecane (C16)	9.841	2227338	19.591 ug/ml
8) T n-Octadecane (C18)	11.281	2242296	19.188 ug/ml
10) T n-Eicosane (C20)	12.588	2145271	18.666 ug/ml
11) T n-Heneicosane (C21)	13.199	2118240	18.432 ug/ml
13) T n-Docosane (C22)	13.784	2058327	18.282 ug/ml
14) T n-Tetracosane (C24)	14.884	2015497	18.289 ug/ml
15) T n-Hexacosane (C26)	15.902	1917595	18.168 ug/ml
16) T n-Octacosane (C28)	16.848	1905626	18.372 ug/ml
17) T n-Tricontane (C30)	17.733	1926443	18.594 ug/ml
18) T n-Dotriacontane (C32)	18.560	1912532	19.962 ug/ml
19) T n-Tetratriacontane (C34)	19.340	1930987	22.016 ug/ml
20) T n-Hexatriacontane (C36)	20.076	1902818	23.247 ug/mlm
21) T n-Octatriacontane (C38)	20.810	1856152	23.209 ug/ml
22) T n-Tetracontane (C40)	21.718	1874613	22.753 ug/ml

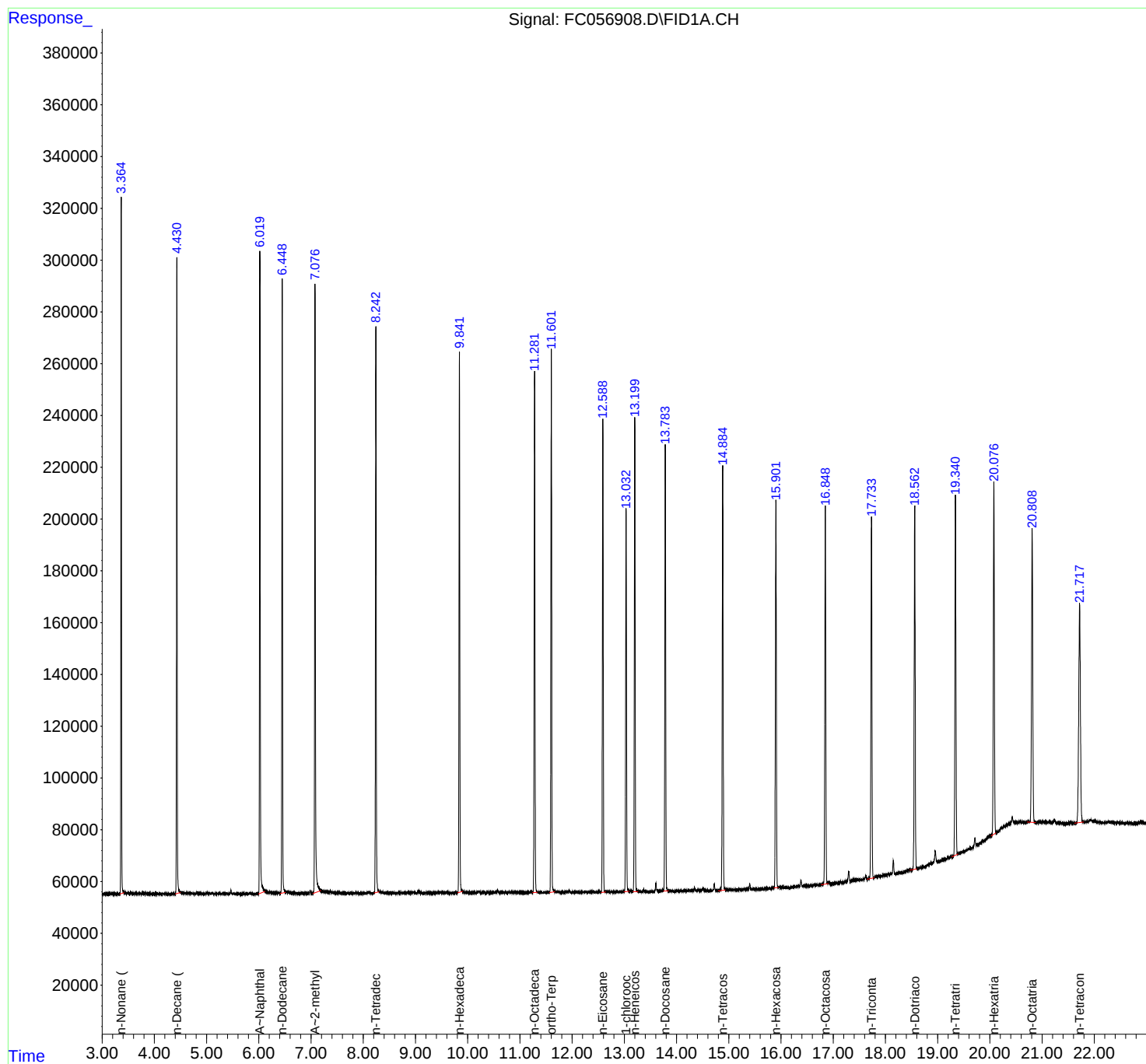
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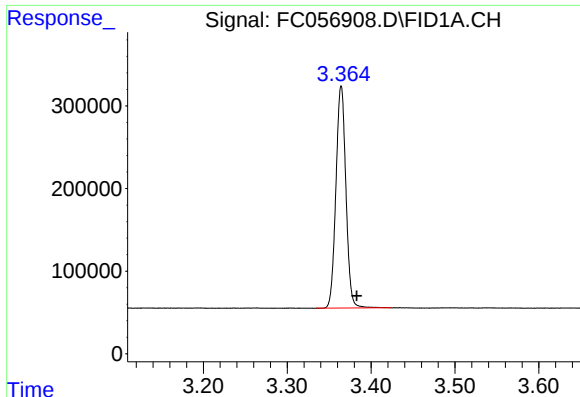
(m)=manual int.

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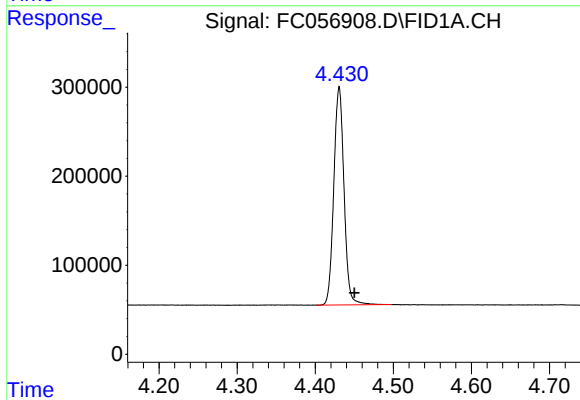
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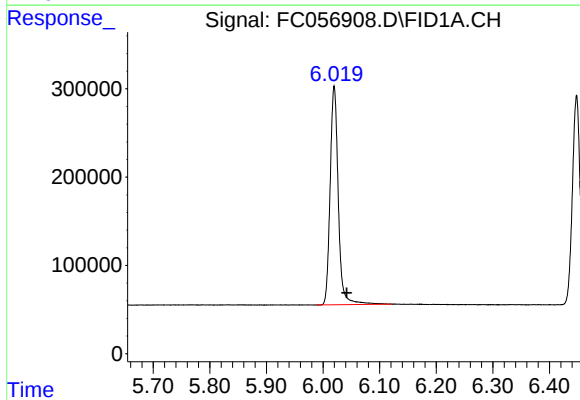
#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: -0.019 min
Response: 2225407
Conc: 20.56 ug/ml



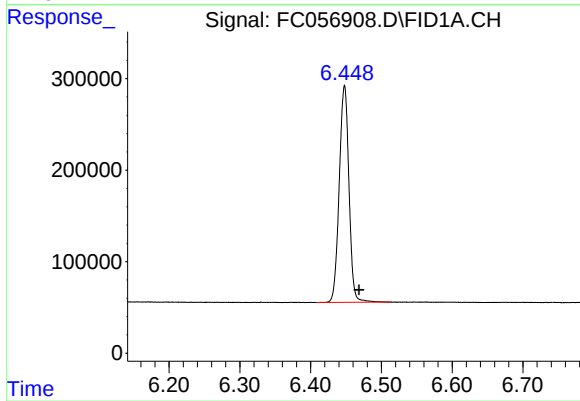
#2 n-Decane (C10)

R.T.: 4.431 min
Delta R.T.: -0.020 min
Response: 2232775
Conc: 20.73 ug/ml



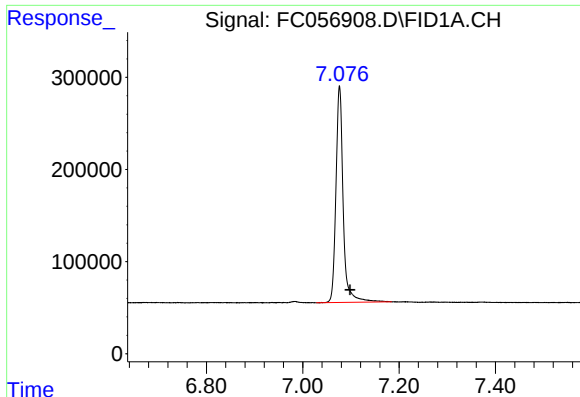
#3 A~Naphthalene (C11.7)

R.T.: 6.020 min
Delta R.T.: -0.022 min
Response: 2478840
Conc: 20.33 ug/ml



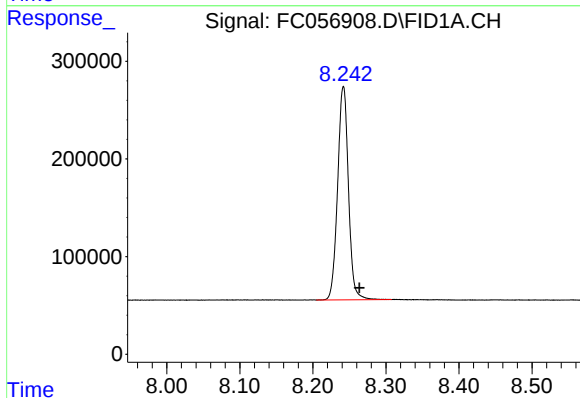
#4 n-Dodecane (C12)

R.T.: 6.448 min
Delta R.T.: -0.021 min
Response: 2262919
Conc: 20.53 ug/ml



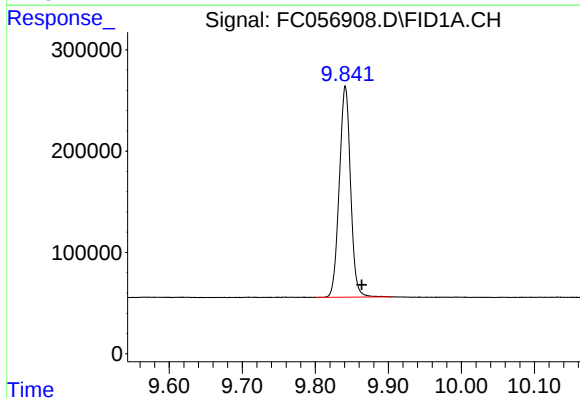
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: -0.022 min
Response: 2462885
Conc: 20.11 ug/ml



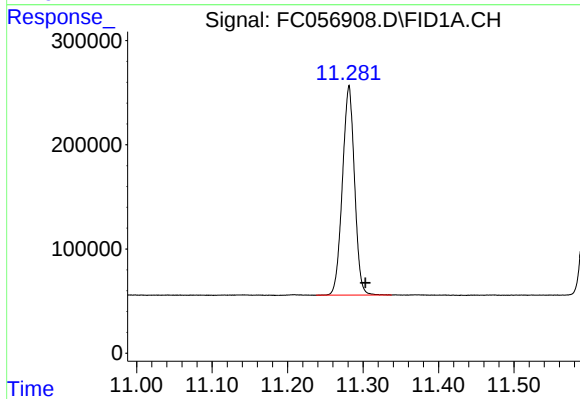
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: -0.022 min
Response: 2248355
Conc: 20.03 ug/ml



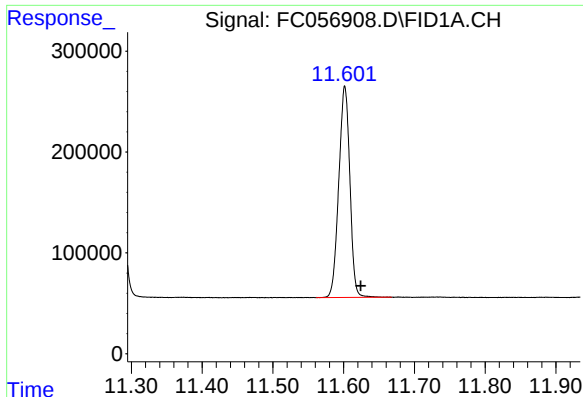
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: -0.023 min
Response: 2227338
Conc: 19.59 ug/ml



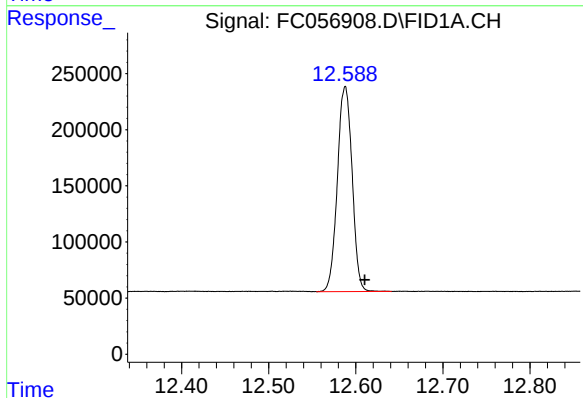
#8 n-Octadecane (C18)

R.T.: 11.281 min
Delta R.T.: -0.022 min
Response: 2242296
Conc: 19.19 ug/ml



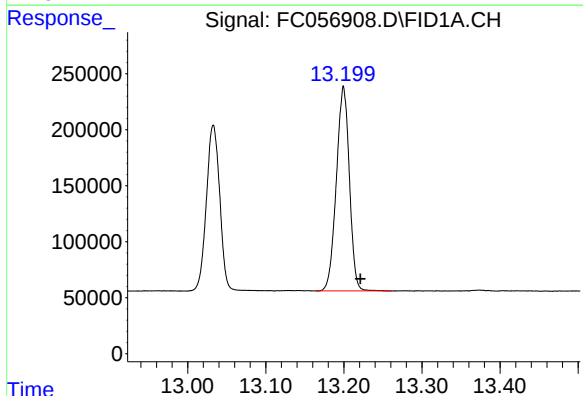
#9 ortho-Terphenyl (SURR)

R.T.: 11.602 min
Delta R.T.: -0.023 min
Response: 2276128
Conc: 18.38 ug/ml



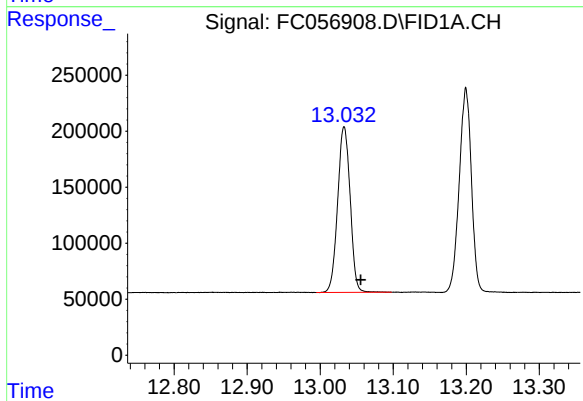
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: -0.023 min
Response: 2145271
Conc: 18.67 ug/ml



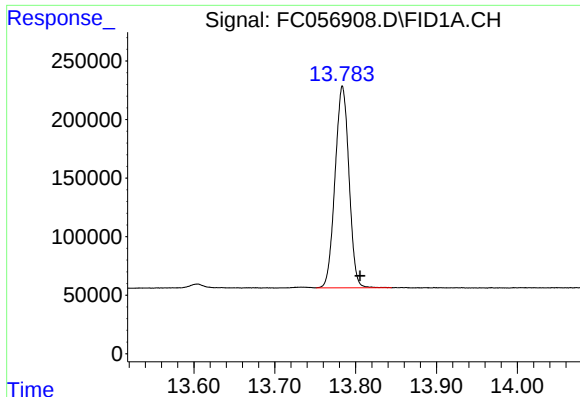
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: -0.022 min
Response: 2118240
Conc: 18.43 ug/ml



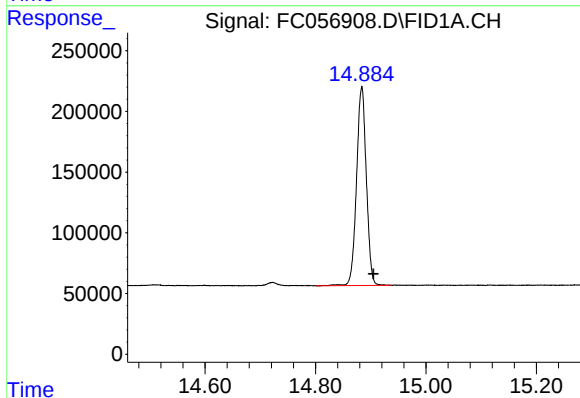
#12 1-chlorooctadecane (SURR)

R.T.: 13.033 min
Delta R.T.: -0.023 min
Response: 1758310
Conc: 18.27 ug/ml



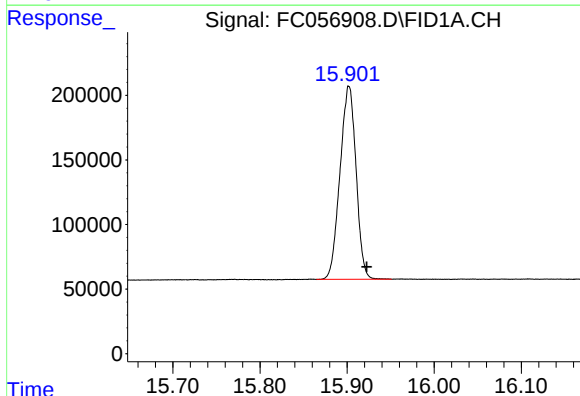
#13 n-Docosane (C22)

R.T.: 13.784 min
Delta R.T.: -0.022 min
Response: 2058327
Conc: 18.28 ug/ml



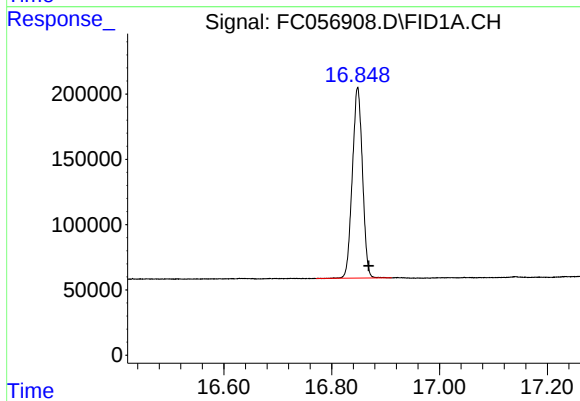
#14 n-Tetracosane (C24)

R.T.: 14.884 min
Delta R.T.: -0.021 min
Response: 2015497
Conc: 18.29 ug/ml



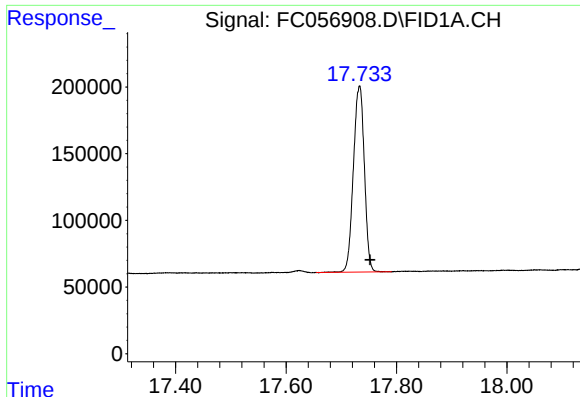
#15 n-Hexacosane (C26)

R.T.: 15.902 min
Delta R.T.: -0.021 min
Response: 1917595
Conc: 18.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.848 min
Delta R.T.: -0.021 min
Response: 1905626
Conc: 18.37 ug/ml



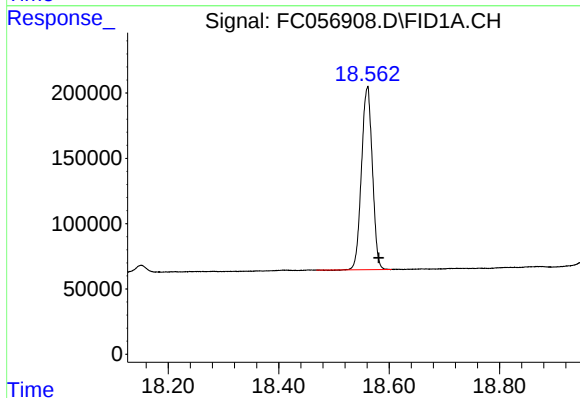
#17 n-Tricontane (C30)

R.T.: 17.733 min

Delta R.T.: -0.020 min

Response: 1926443

Conc: 18.59 ug/ml



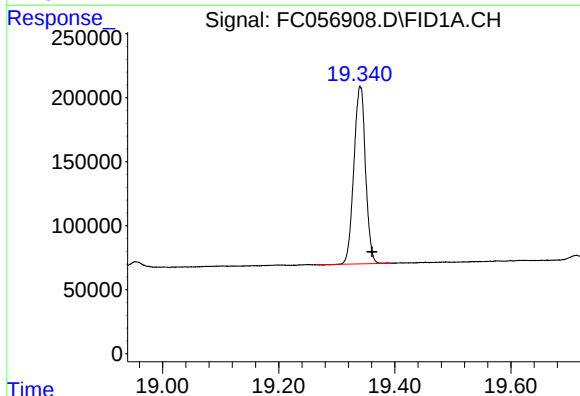
#18 n-Dotriacontane (C32)

R.T.: 18.560 min

Delta R.T.: -0.021 min

Response: 1912532

Conc: 19.96 ug/ml



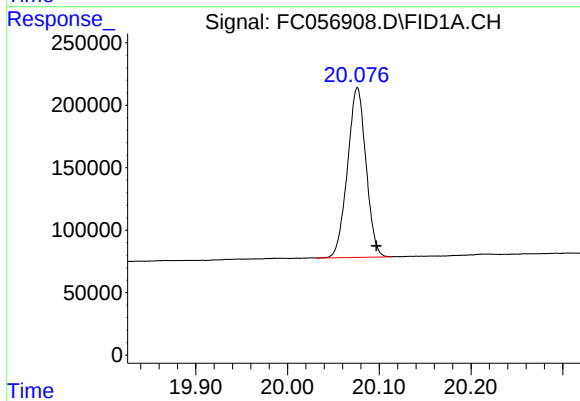
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min

Delta R.T.: -0.020 min

Response: 1930987

Conc: 22.02 ug/ml



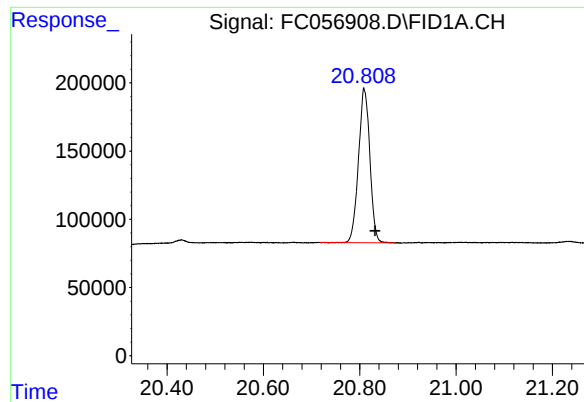
#20 n-Hexatriacontane (C36)

R.T.: 20.076 min

Delta R.T.: -0.021 min

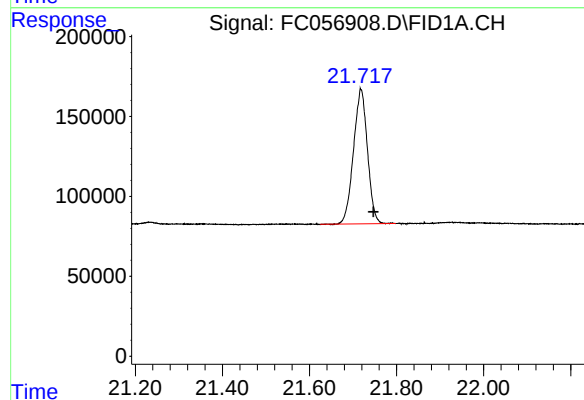
Response: 1902818

Conc: 23.25 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: -0.023 min
Response: 1856152
Conc: 23.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.718 min
Delta R.T.: -0.028 min
Response: 1874613
Conc: 22.75 ug/ml