

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091721AL\
 Data File : FC055698.D
 Signal(s) : FID1A.CH
 Acq On : 18 Sep 2021 1:12
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 18 01:38:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.655	2331409	18.662 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
12) S 1-chlorooctadecane (S...	13.088	1793331	18.121 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
Target Compounds			
1) T n-Nonane (C9)	3.398	2399154	22.195 ug/ml
2) T n-Decane (C10)	4.469	2463487	22.593 ug/ml
3) T A~Naphthalene (C11.7)	6.063	2714013	22.025 ug/ml
4) T n-Dodecane (C12)	6.491	2452009	22.394 ug/ml
5) T A~2-methylnaphthalene...	7.121	2701105	21.705 ug/ml
6) T n-Tetradecane (C14)	8.288	2433181	21.846 ug/ml
7) T n-Hexadecane (C16)	9.890	2366738	20.942 ug/ml
8) T n-Octadecane (C18)	11.332	2314934	19.883 ug/ml
10) T n-Eicosane (C20)	12.642	2185283	18.702 ug/ml
11) T n-Heneicosane (C21)	13.254	2149815	18.266 ug/ml
13) T n-Docosane (C22)	13.839	2082919	17.856 ug/ml
14) T n-Tetracosane (C24)	14.942	2006275	17.227 ug/ml
15) T n-Hexacosane (C26)	15.961	1930409	17.041 ug/ml
16) T n-Octacosane (C28)	16.910	1914987	17.306 ug/ml
17) T n-Tricontane (C30)	17.795	1939699	18.242 ug/ml
18) T n-Dotriacontane (C32)	18.626	1942664	19.384 ug/mlm
19) T n-Tetratriacontane (C34)	19.408	1961466	20.783 ug/mlm
20) T n-Hexatriacontane (C36)	20.147	1872186	21.563 ug/mlm
21) T n-Octatriacontane (C38)	20.887	1772670	21.748 ug/mlm
22) T n-Tetracontane (C40)	21.820	1959644	24.399 ug/mlm

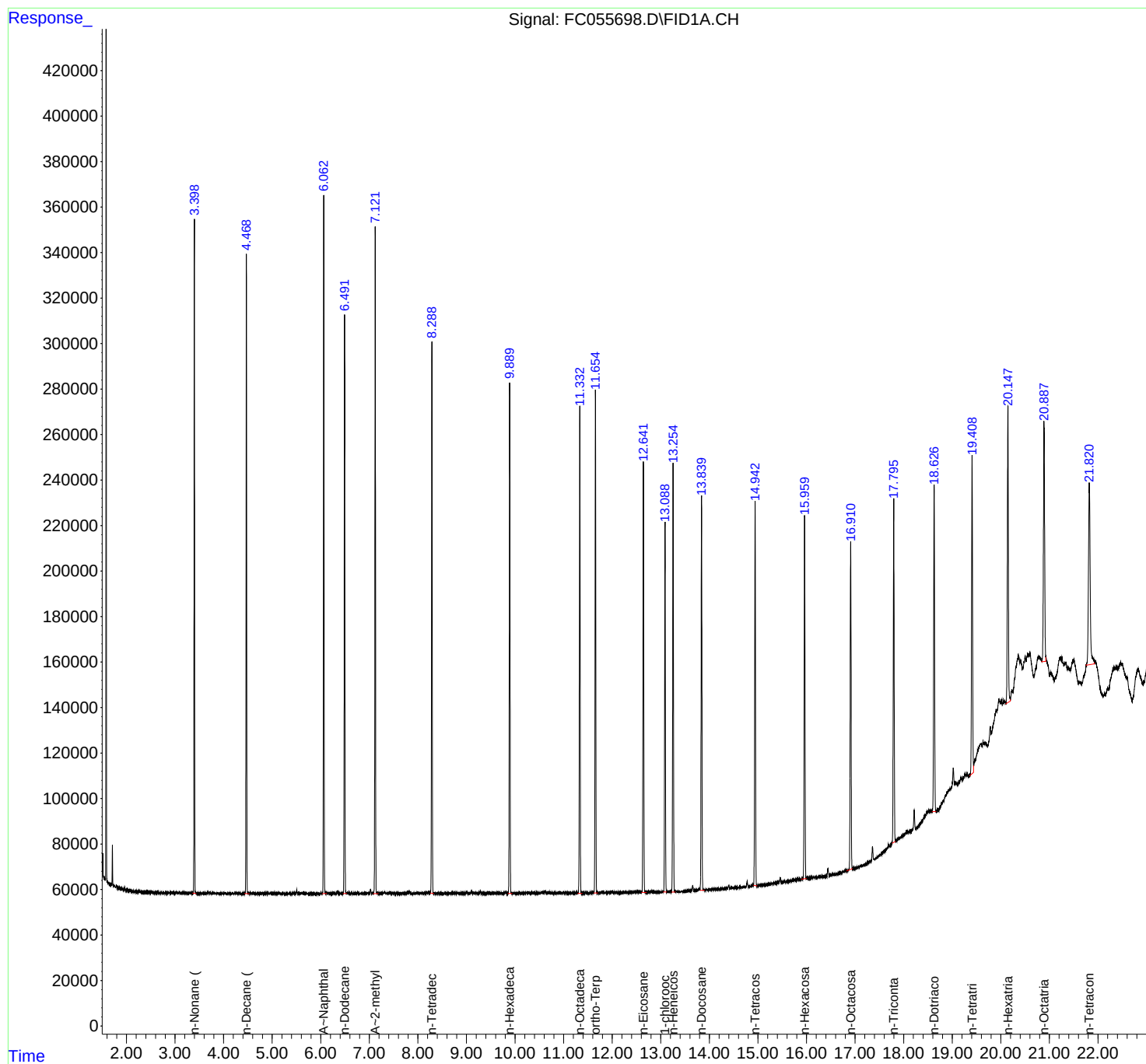
(f)=RT Delta > 1/2 Window

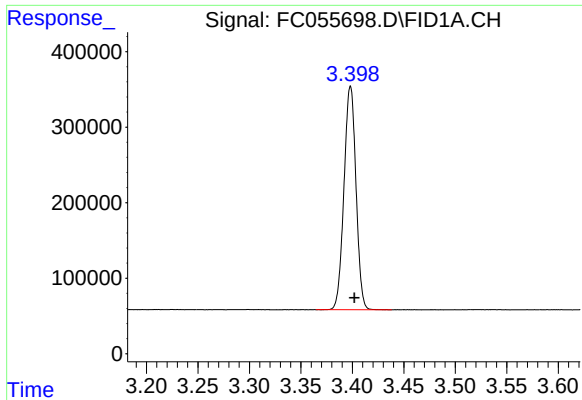
(m)=manual int.

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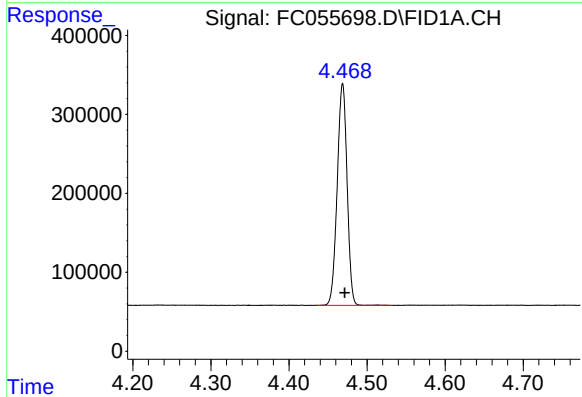
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Signal Info : 20M x 0.18mm x 0.18um





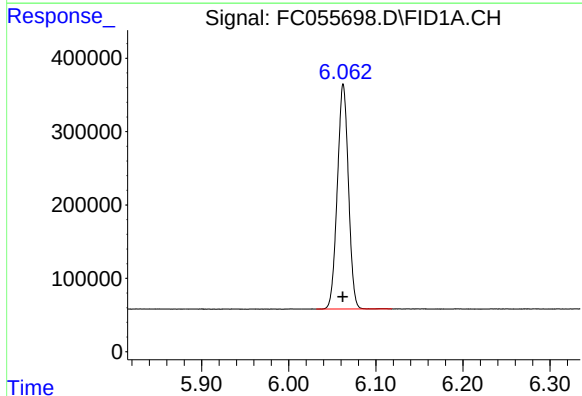
#1 n-Nonane (C9)

R.T.: 3.398 min
Delta R.T.: -0.004 min
Response: 2399154
Conc: 22.19 ug/ml



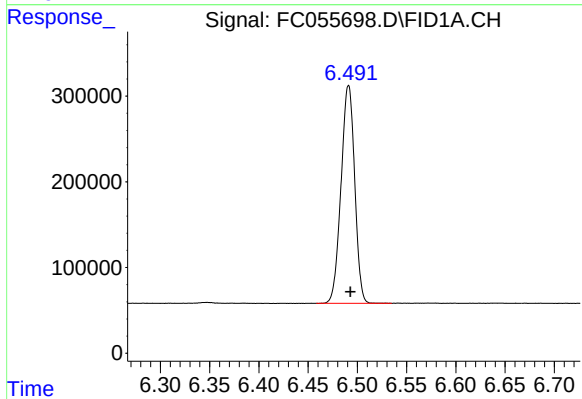
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.003 min
Response: 2463487
Conc: 22.59 ug/ml



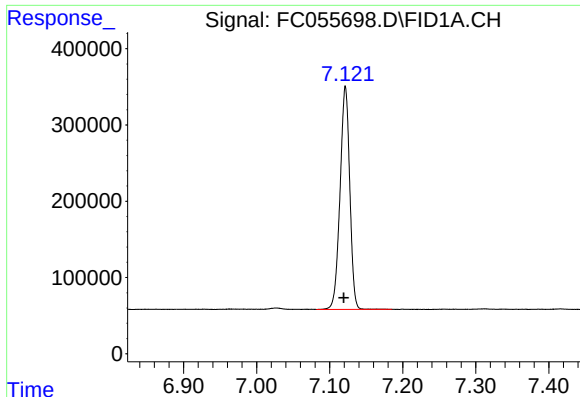
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 2714013
Conc: 22.03 ug/ml



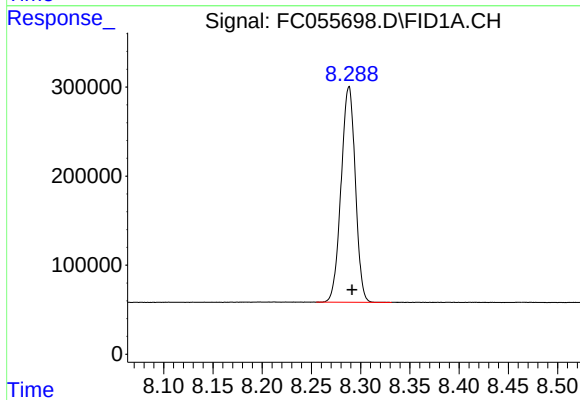
#4 n-Dodecane (C12)

R.T.: 6.491 min
Delta R.T.: -0.002 min
Response: 2452009
Conc: 22.39 ug/ml



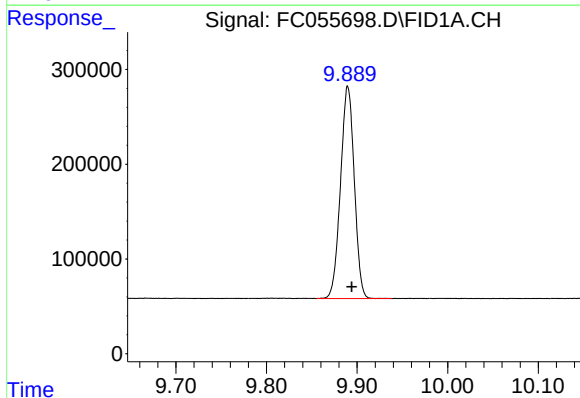
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: 0.002 min
Response: 2701105
Conc: 21.70 ug/ml



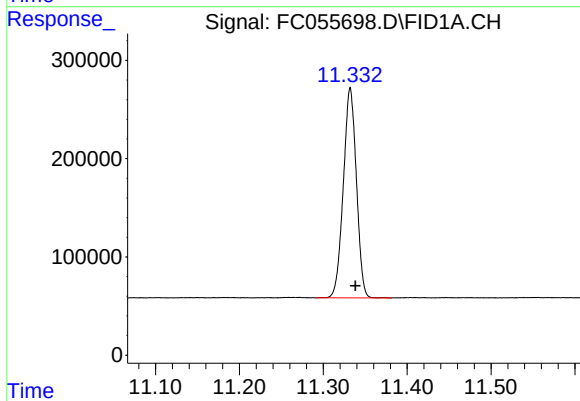
#6 n-Tetradecane (C14)

R.T.: 8.288 min
Delta R.T.: -0.003 min
Response: 2433181
Conc: 21.85 ug/ml



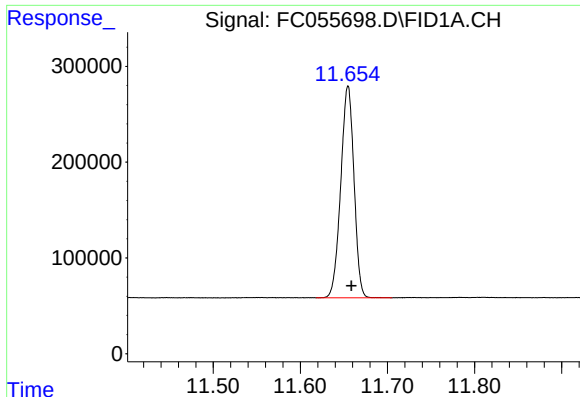
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: -0.004 min
Response: 2366738
Conc: 20.94 ug/ml



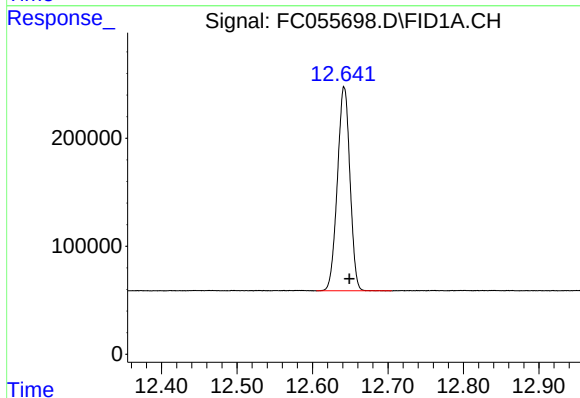
#8 n-Octadecane (C18)

R.T.: 11.332 min
Delta R.T.: -0.006 min
Response: 2314934
Conc: 19.88 ug/ml



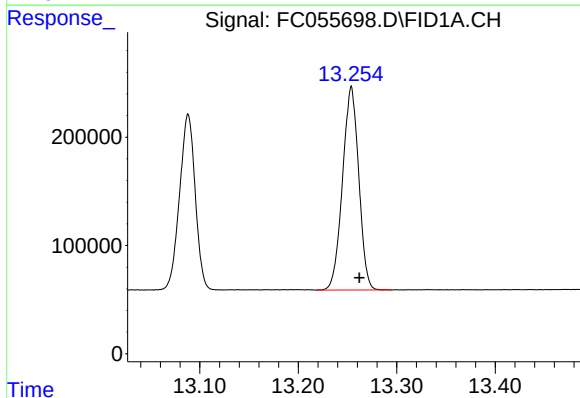
#9 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: -0.004 min
Response: 2331409
Conc: 18.66 ug/ml



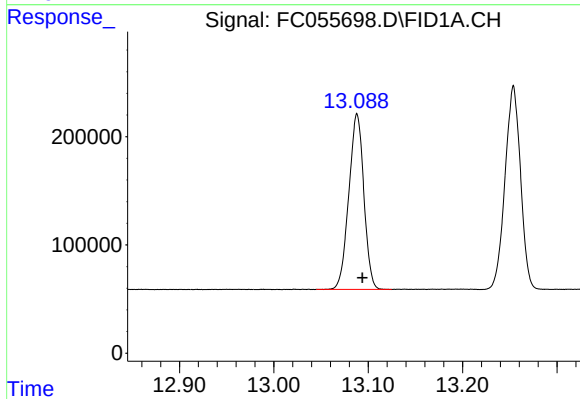
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: -0.007 min
Response: 2185283
Conc: 18.70 ug/ml



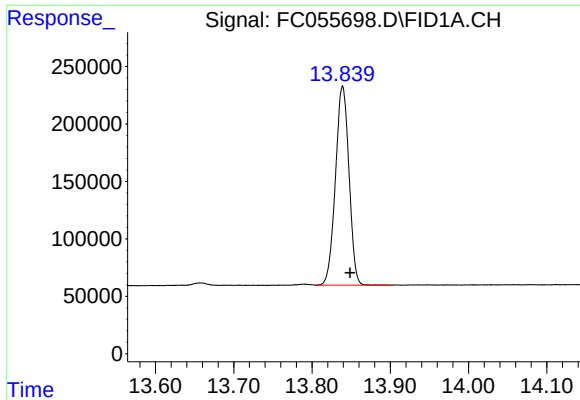
#11 n-Heneicosane (C21)

R.T.: 13.254 min
Delta R.T.: -0.008 min
Response: 2149815
Conc: 18.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: -0.006 min
Response: 1793331
Conc: 18.12 ug/ml



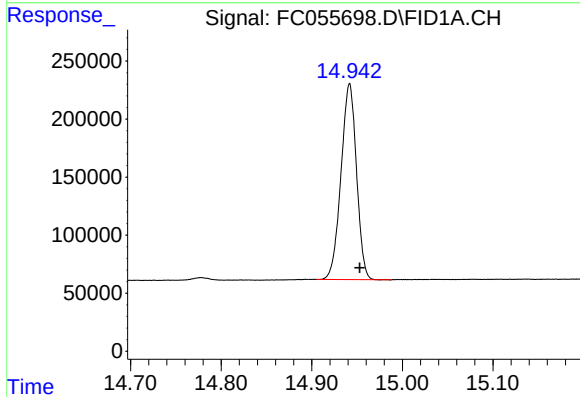
#13 n-Docosane (C22)

R.T.: 13.839 min

Delta R.T.: -0.010 min

Response: 2082919

Conc: 17.86 ug/ml



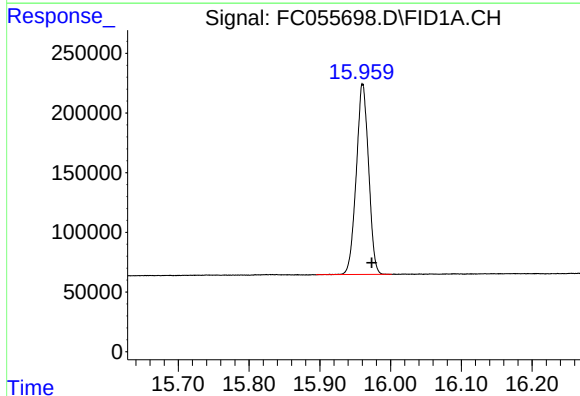
#14 n-Tetracosane (C24)

R.T.: 14.942 min

Delta R.T.: -0.011 min

Response: 2006275

Conc: 17.23 ug/ml



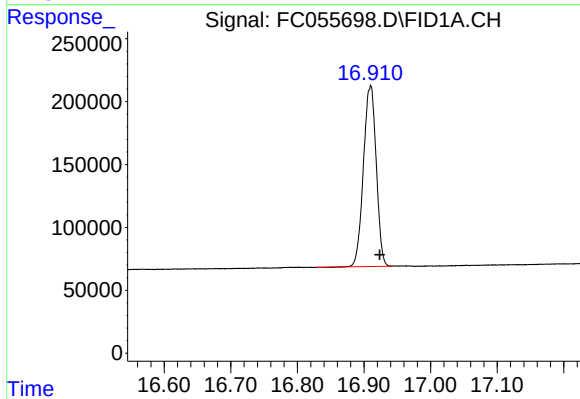
#15 n-Hexacosane (C26)

R.T.: 15.961 min

Delta R.T.: -0.013 min

Response: 1930409

Conc: 17.04 ug/ml



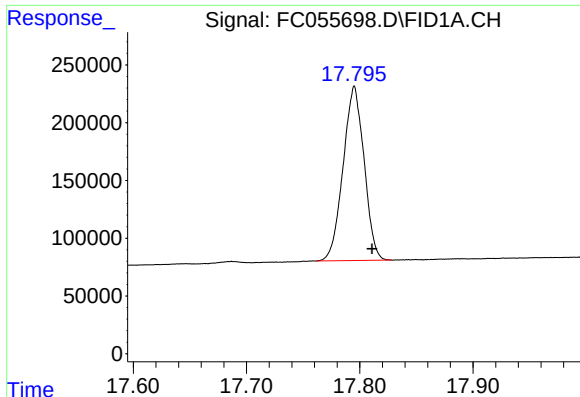
#16 n-Octacosane (C28)

R.T.: 16.910 min

Delta R.T.: -0.014 min

Response: 1914987

Conc: 17.31 ug/ml



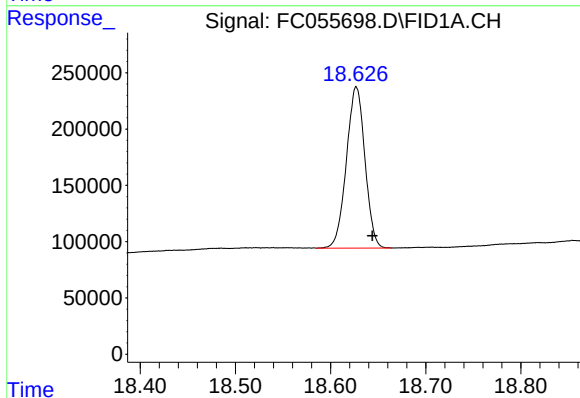
#17 n-Tricontane (C30)

R.T.: 17.795 min

Delta R.T.: -0.016 min

Response: 1939699

Conc: 18.24 ug/ml



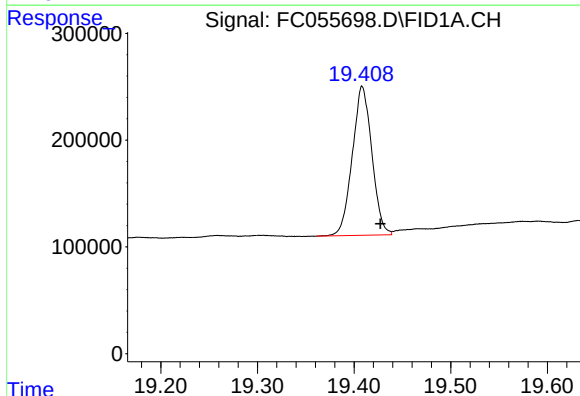
#18 n-Dotriacontane (C32)

R.T.: 18.626 min

Delta R.T.: -0.017 min

Response: 1942664

Conc: 19.38 ug/ml m



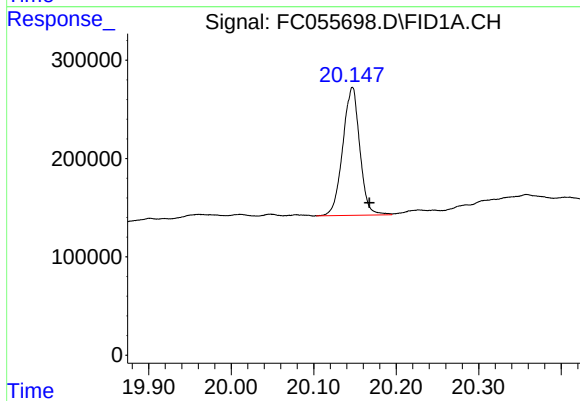
#19 n-Tetratriacontane (C34)

R.T.: 19.408 min

Delta R.T.: -0.020 min

Response: 1961466

Conc: 20.78 ug/ml m



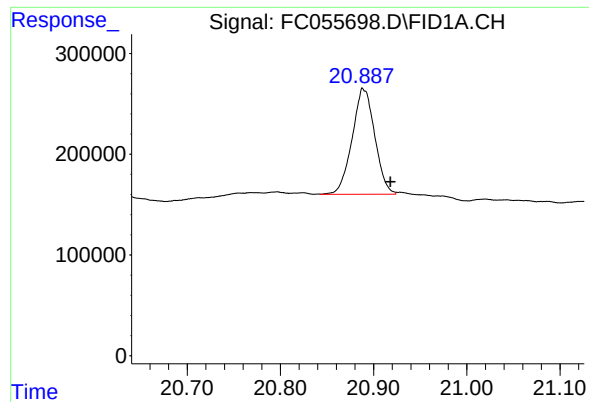
#20 n-Hexatriacontane (C36)

R.T.: 20.147 min

Delta R.T.: -0.021 min

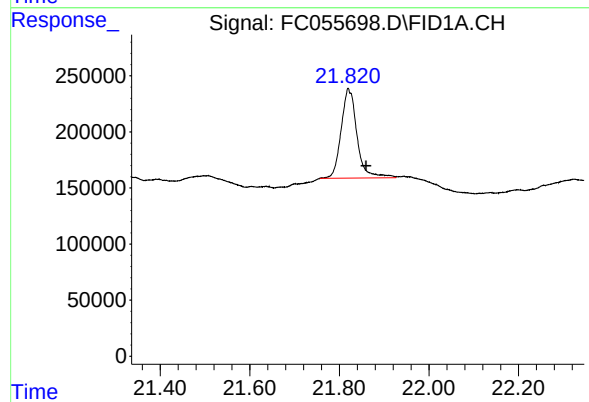
Response: 1872186

Conc: 21.56 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.887 min
Delta R.T.: -0.031 min
Response: 1772670
Conc: 21.75 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.820 min
Delta R.T.: -0.040 min
Response: 1959644
Conc: 24.40 ug/ml m