

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102321AL\
 Data File : FC056321.D
 Signal(s) : FID1A.CH
 Acq On : 22 Oct 2021 11:09
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 22 22:53:37 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)	11.623	2523462	20.380 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
12) S 1-chlorooctadecane (S...	13.054	1956230	20.330 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
Target Compounds			
1) T n-Nonane (C9)	3.382	2205239	20.375 ug/ml
2) T n-Decane (C10)	4.449	2227008	20.674 ug/ml
3) T A~Naphthalene (C11.7)	6.039	2510763	20.593 ug/ml
4) T n-Dodecane (C12)	6.468	2265714	20.553 ug/ml
5) T A~2-methylnaphthalene...	7.096	2511399	20.508 ug/ml
6) T n-Tetradecane (C14)	8.263	2296344	20.454 ug/ml
7) T n-Hexadecane (C16)	9.863	2312848	20.344 ug/ml
8) T n-Octadecane (C18)	11.302	2383160	20.394 ug/ml
10) T n-Eicosane (C20)	12.609	2336028	20.326 ug/ml
11) T n-Heneicosane (C21)	13.220	2338199	20.346 ug/ml
13) T n-Docosane (C22)	13.804	2296657	20.399 ug/ml
14) T n-Tetracosane (C24)	14.905	2253287	20.447 ug/ml
15) T n-Hexacosane (C26)	15.922	2156588	20.433 ug/ml
16) T n-Octacosane (C28)	16.867	2069231	19.949 ug/ml
17) T n-Tricontane (C30)	17.753	1959602	18.914 ug/ml
18) T n-Dotriacontane (C32)	18.581	1828701	19.087 ug/ml
19) T n-Tetratriacontane (C34)	19.359	1760091	20.067 ug/ml
20) T n-Hexatriacontane (C36)	20.095	1683270	20.565 ug/ml
21) T n-Octatriacontane (C38)	20.830	1656727	20.715 ug/ml
22) T n-Tetracontane (C40)	21.746	1714092	20.805 ug/ml

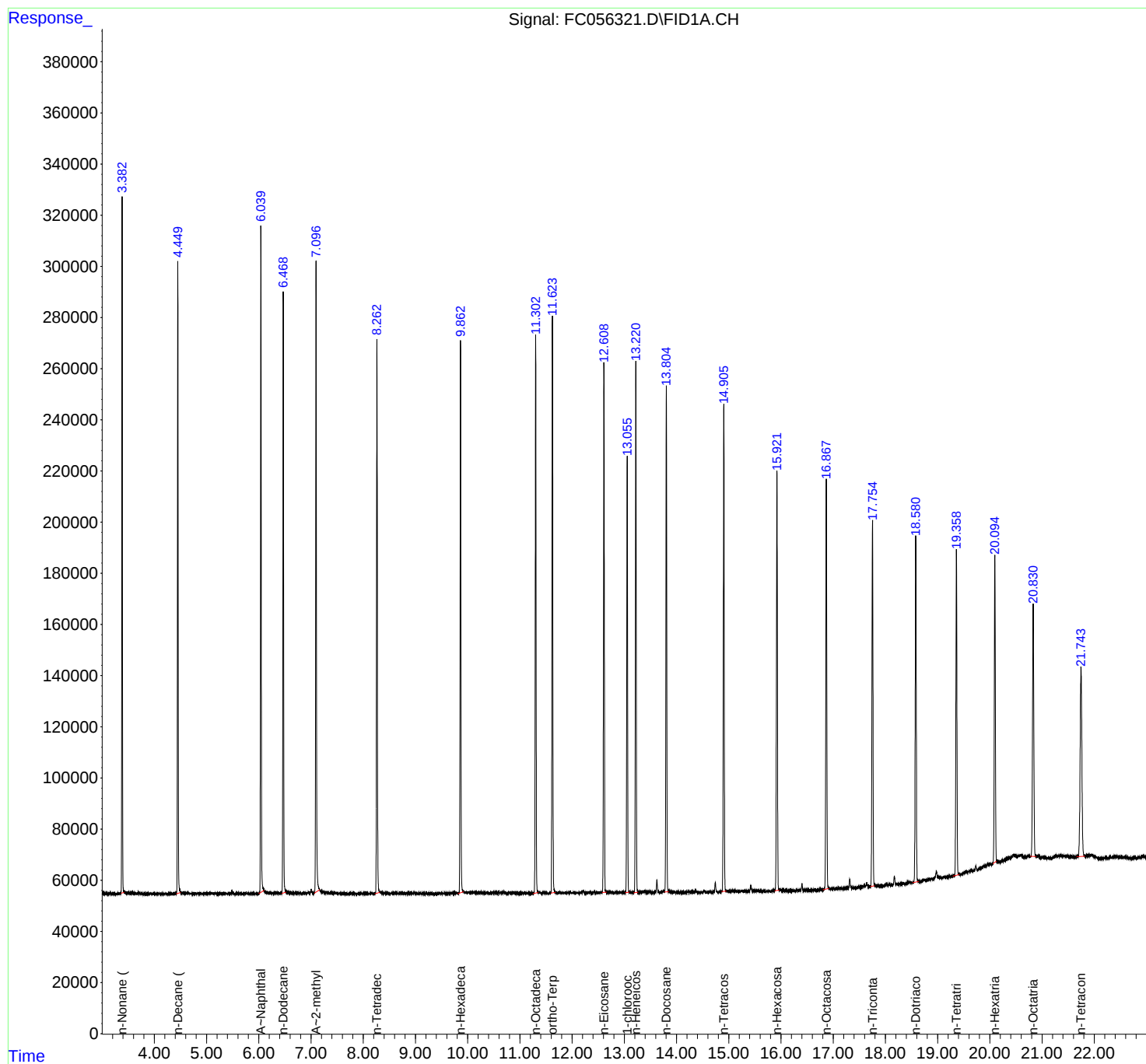
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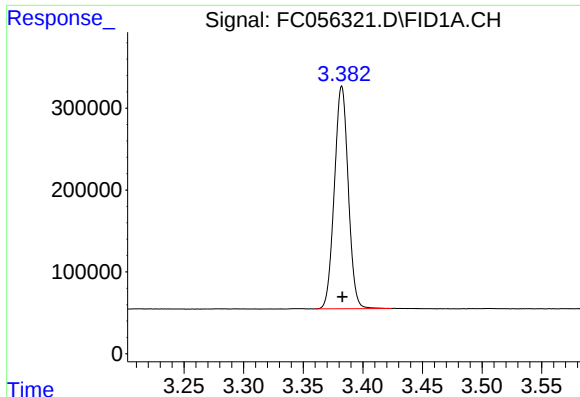
(m)=manual int.

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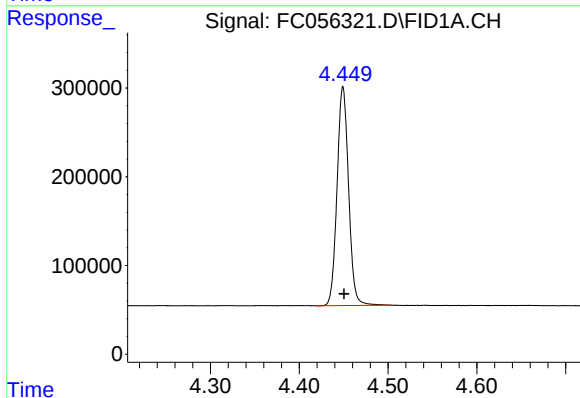
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





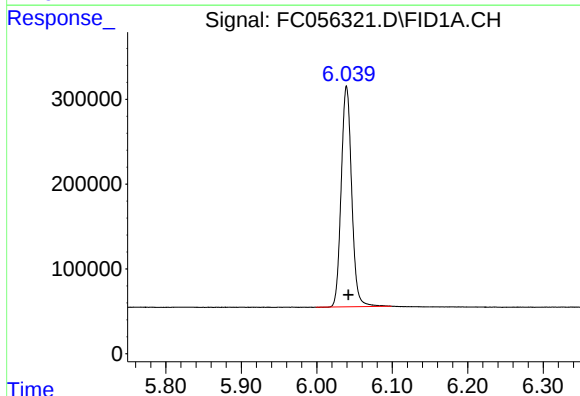
#1 n-Nonane (C9)

R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 2205239
Conc: 20.37 ug/ml



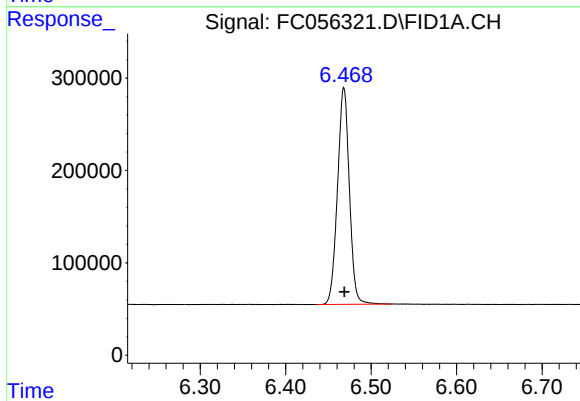
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 2227008
Conc: 20.67 ug/ml



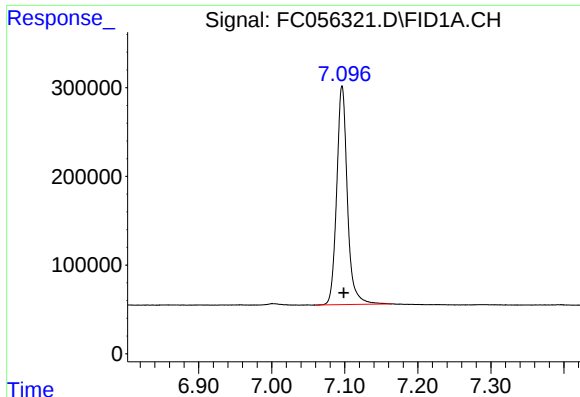
#3 A~Naphthalene (C11.7)

R.T.: 6.039 min
Delta R.T.: -0.002 min
Response: 2510763
Conc: 20.59 ug/ml



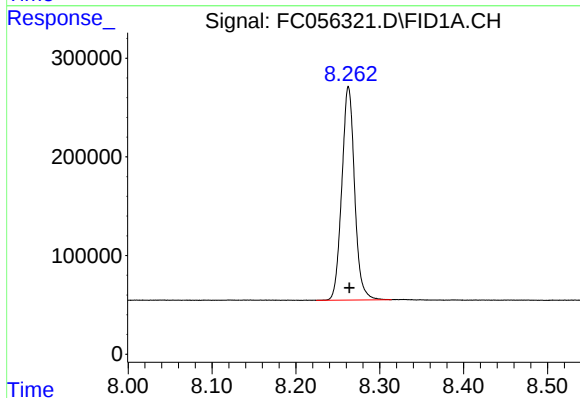
#4 n-Dodecane (C12)

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 2265714
Conc: 20.55 ug/ml



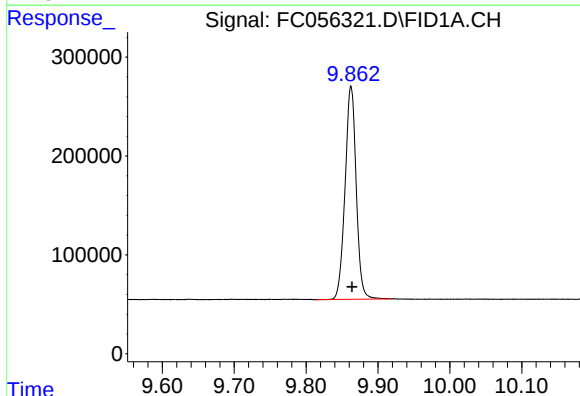
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 2511399
Conc: 20.51 ug/ml



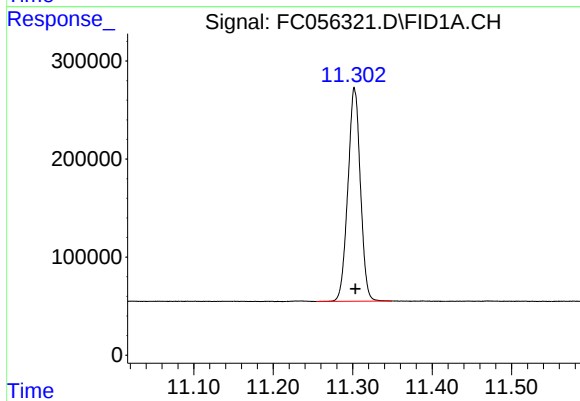
#6 n-Tetradecane (C14)

R.T.: 8.263 min
Delta R.T.: -0.001 min
Response: 2296344
Conc: 20.45 ug/ml



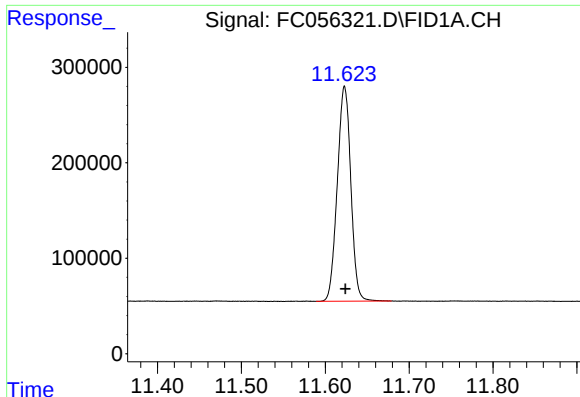
#7 n-Hexadecane (C16)

R.T.: 9.863 min
Delta R.T.: -0.001 min
Response: 2312848
Conc: 20.34 ug/ml



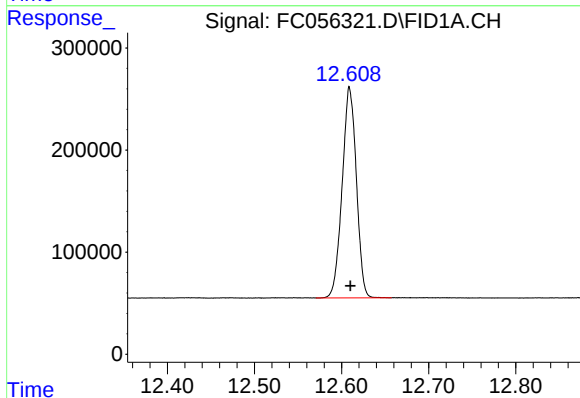
#8 n-Octadecane (C18)

R.T.: 11.302 min
Delta R.T.: -0.001 min
Response: 2383160
Conc: 20.39 ug/ml



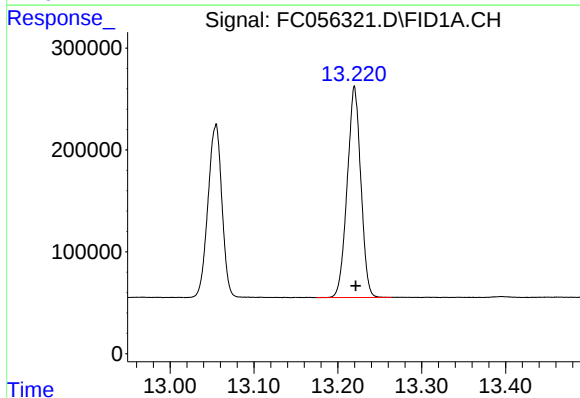
#9 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: -0.001 min
Response: 2523462
Conc: 20.38 ug/ml



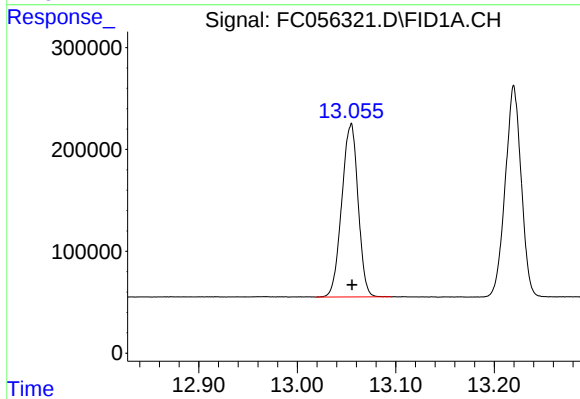
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: 0.000 min
Response: 2336028
Conc: 20.33 ug/ml



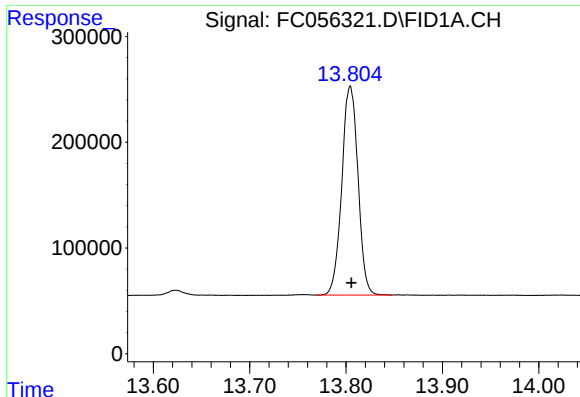
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.001 min
Response: 2338199
Conc: 20.35 ug/ml



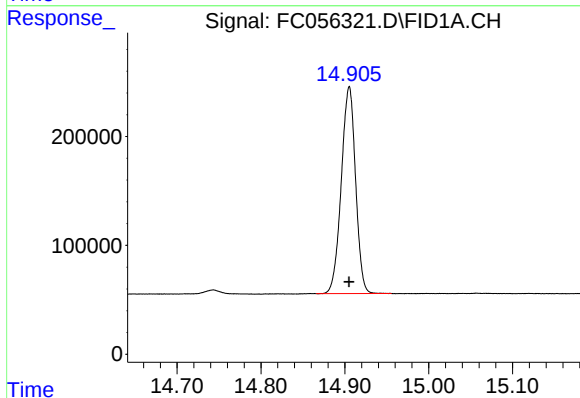
#12 1-chlorooctadecane (SURR)

R.T.: 13.054 min
Delta R.T.: -0.001 min
Response: 1956230
Conc: 20.33 ug/ml



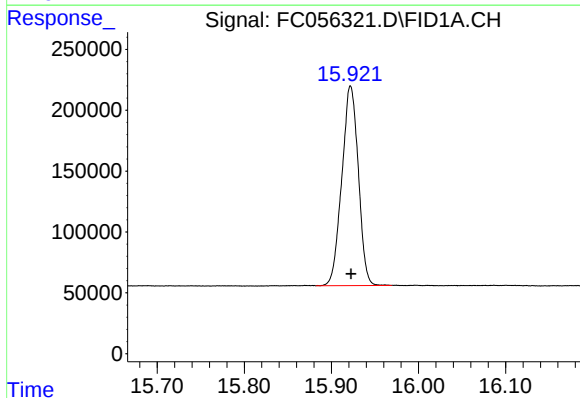
#13 n-Docosane (C22)

R.T.: 13.804 min
Delta R.T.: -0.001 min
Response: 2296657
Conc: 20.40 ug/ml



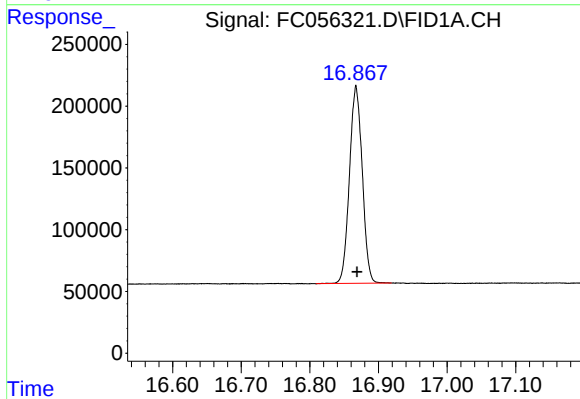
#14 n-Tetracosane (C24)

R.T.: 14.905 min
Delta R.T.: 0.000 min
Response: 2253287
Conc: 20.45 ug/ml



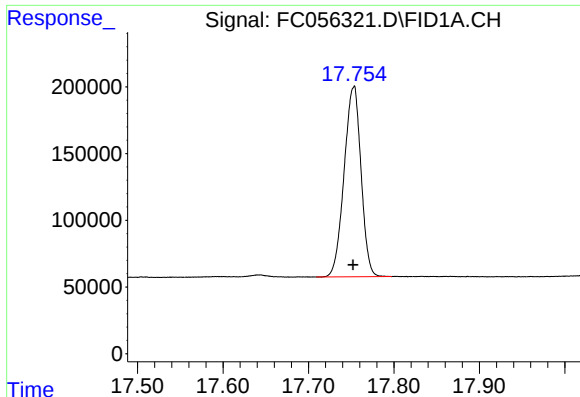
#15 n-Hexacosane (C26)

R.T.: 15.922 min
Delta R.T.: 0.000 min
Response: 2156588
Conc: 20.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.867 min
Delta R.T.: -0.002 min
Response: 2069231
Conc: 19.95 ug/ml



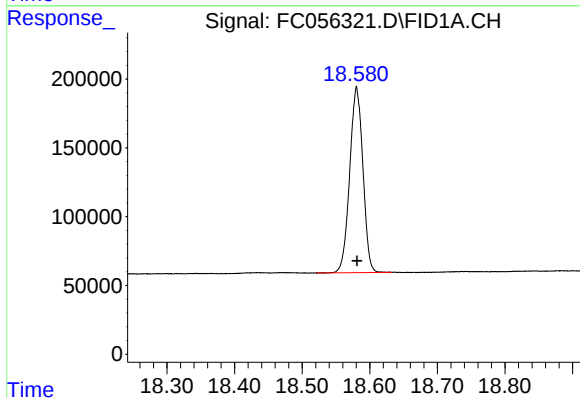
#17 n-Tricontane (C30)

R.T.: 17.753 min

Delta R.T.: 0.000 min

Response: 1959602

Conc: 18.91 ug/ml



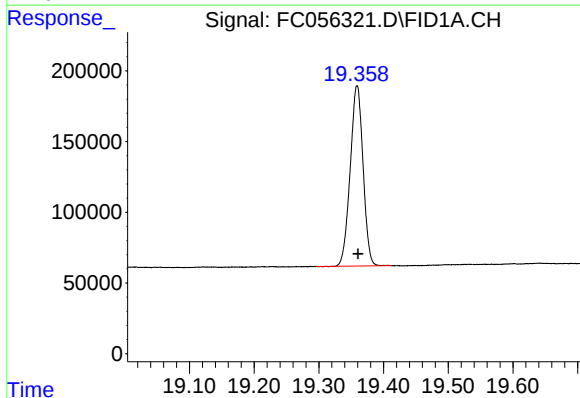
#18 n-Dotriacontane (C32)

R.T.: 18.581 min

Delta R.T.: 0.000 min

Response: 1828701

Conc: 19.09 ug/ml



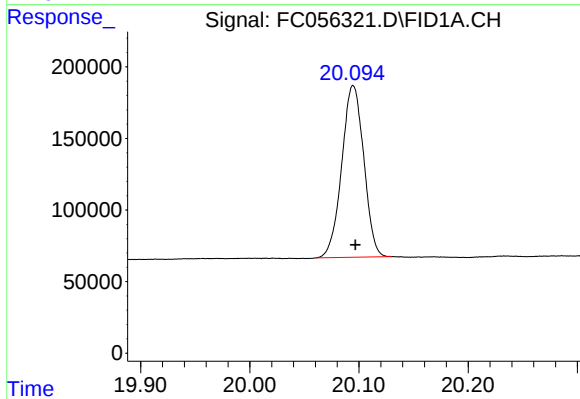
#19 n-Tetratriacontane (C34)

R.T.: 19.359 min

Delta R.T.: -0.002 min

Response: 1760091

Conc: 20.07 ug/ml



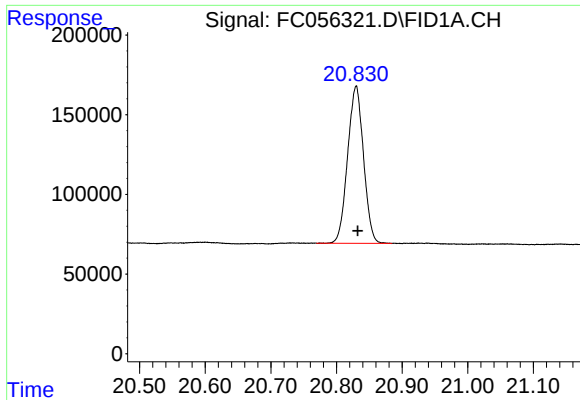
#20 n-Hexatriacontane (C36)

R.T.: 20.095 min

Delta R.T.: -0.002 min

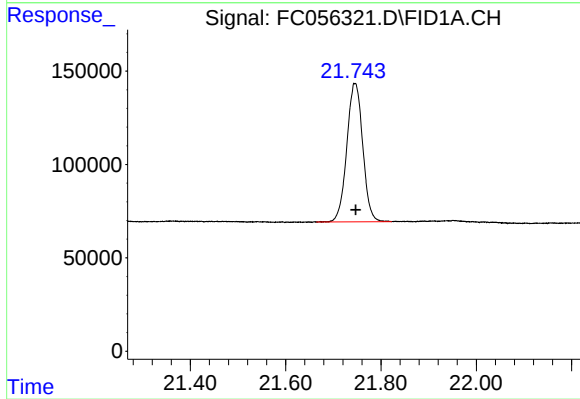
Response: 1683270

Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.830 min
Delta R.T.: -0.002 min
Response: 1656727
Conc: 20.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.746 min
Delta R.T.: -0.001 min
Response: 1714092
Conc: 20.80 ug/ml