

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092319AL\
 Data File : FC043608.D
 Signal(s) : FID1A.CH
 Acq On : 24 Sep 2019 13:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 24 13:29:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 091619.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 16 12:41:51 2019
 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)	11.605	2487491	17.426 ug/ml
Spiked Amount 50.000		Recovery =	34.85%
12) S 1-chlorooctadecane (S...	13.027	1868021	16.870 ug/ml
Spiked Amount 50.000		Recovery =	33.74%
Target Compounds			
1) T n-Nonane (C9)	3.441	2335390	20.015 ug/ml
2) T n-Decane (C10)	4.497	2363684	20.290 ug/ml
3) T A~Naphthalene (C11.7)	6.078	2323686	19.865 ug/ml
4) T n-Dodecane (C12)	6.491	2440517	20.020 ug/ml
5) T A~2-methylnaphthalene...	7.125	2350334	19.880 ug/ml
6) T n-Tetradecane (C14)	8.268	2423039	19.629 ug/ml
7) T n-Hexadecane (C16)	9.854	2388958	19.050 ug/ml
8) T n-Octadecane (C18)	11.284	2345122	18.188 ug/ml
10) T n-Eicosane (C20)	12.584	2278773	17.403 ug/ml
11) T n-Heneicosane (C21)	13.191	2254678	17.020 ug/ml
13) T n-Docosane (C22)	13.774	2206243	16.811 ug/ml
14) T n-Tetracosane (C24)	14.870	2152418	16.389 ug/ml
15) T n-Hexacosane (C26)	15.885	2111199	16.380 ug/ml
16) T n-Octacosane (C28)	16.829	2102902	16.710 ug/ml
17) T n-Tricontane (C30)	17.713	2122403	17.287 ug/ml
18) T n-Dotriacontane (C32)	18.542	2083347	18.078 ug/ml
19) T n-Tetratriacontane (C34)	19.321	2097045	19.510 ug/mlm
20) T n-Hexatriacontane (C36)	20.057	2121523	21.532 ug/mlm
21) T n-Octatriacontane (C38)	20.787	2120625	23.048 ug/mlm
22) T n-Tetracontane (C40)	21.685	2191619	23.371 ug/ml

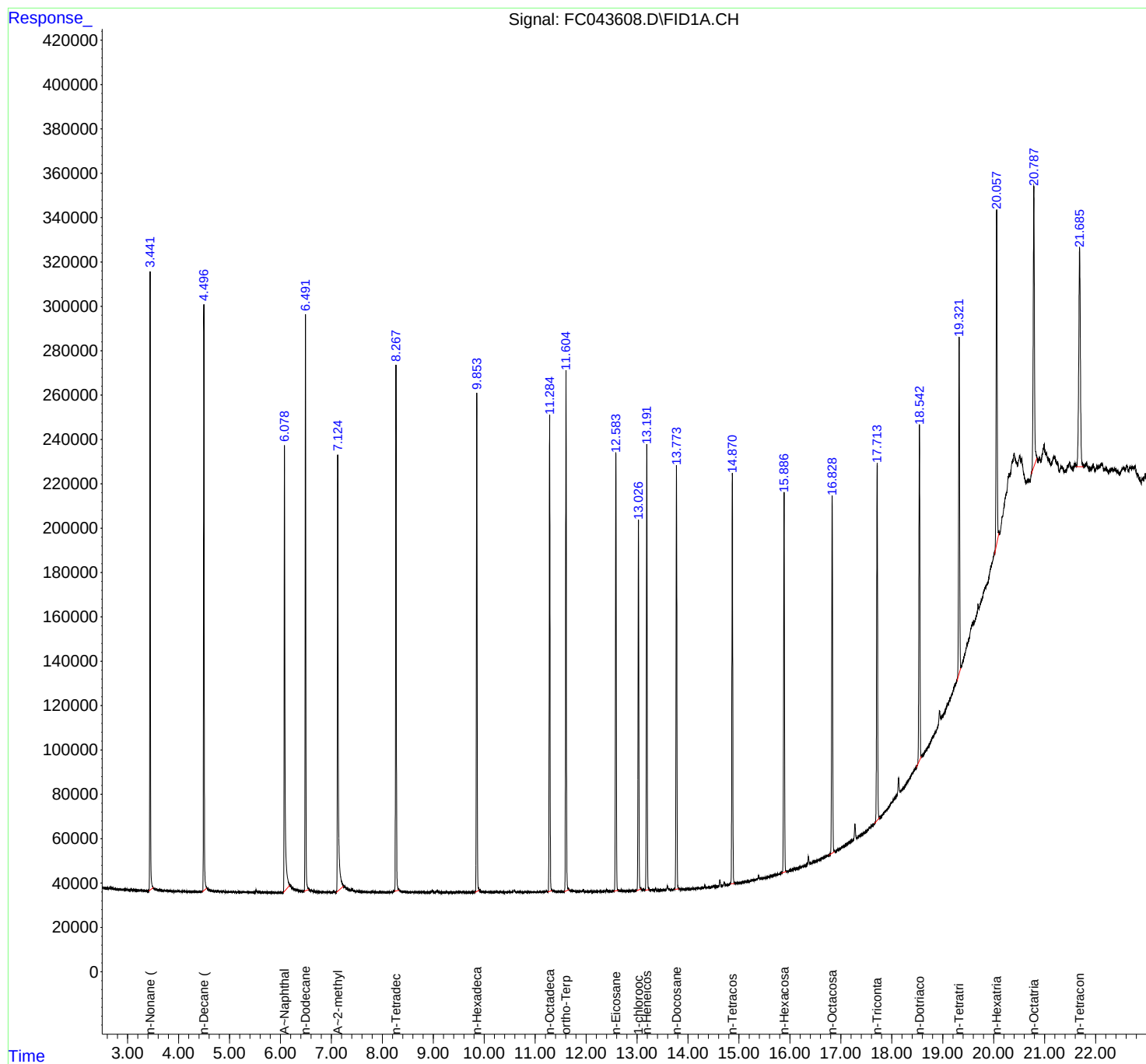
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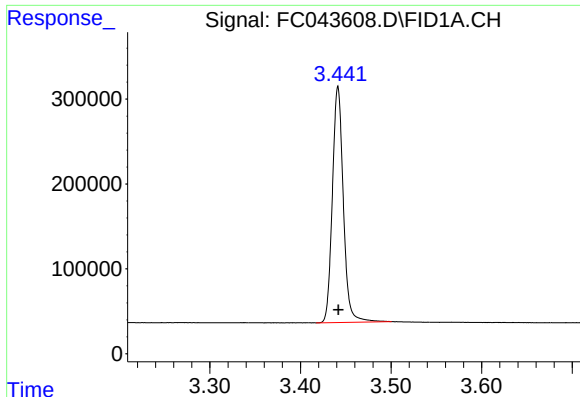
(m)=manual int.

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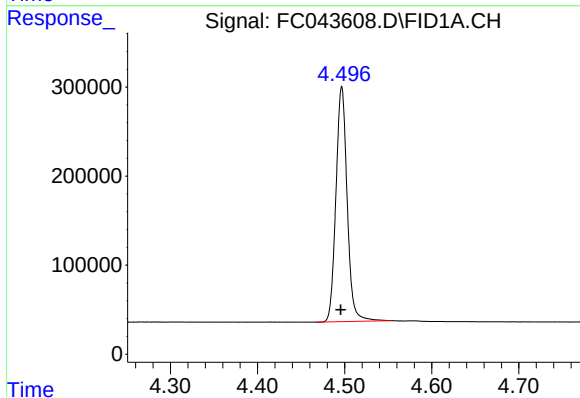
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Signal Info : 20M x 0.18mm x 0.18um





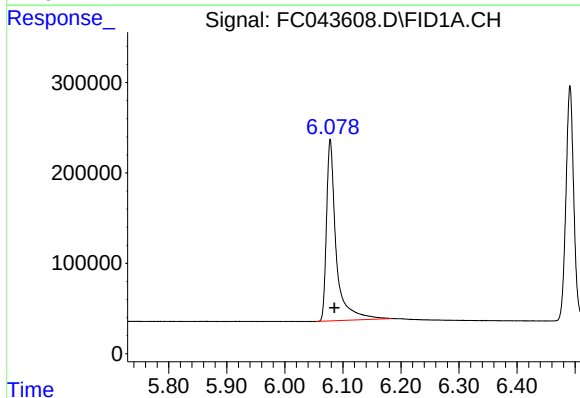
#1 n-Nonane (C9)

R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 2335390
Conc: 20.01 ug/ml



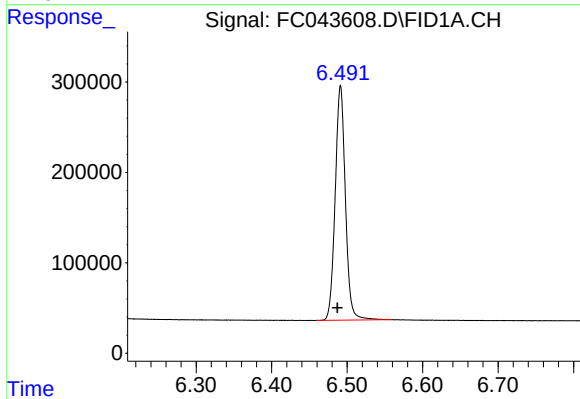
#2 n-Decane (C10)

R.T.: 4.497 min
Delta R.T.: 0.001 min
Response: 2363684
Conc: 20.29 ug/ml



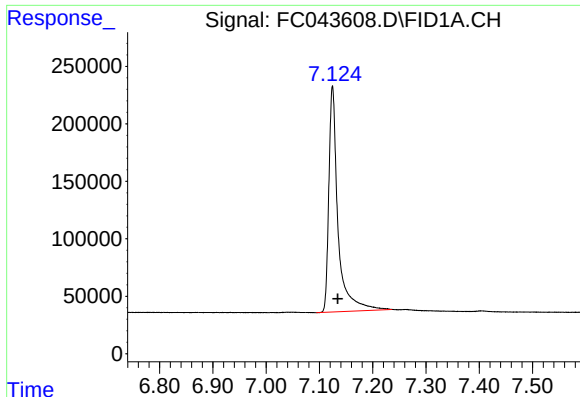
#3 A~Naphthalene (C11.7)

R.T.: 6.078 min
Delta R.T.: -0.007 min
Response: 2323686
Conc: 19.86 ug/ml



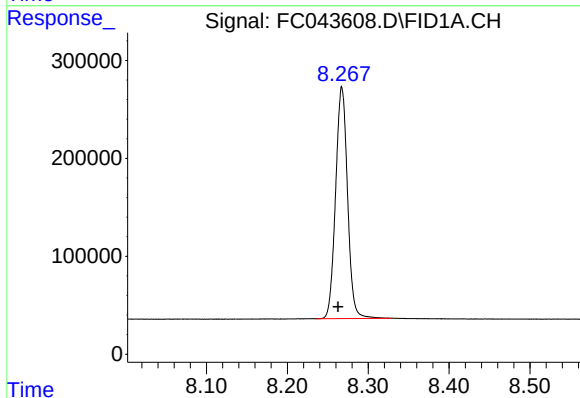
#4 n-Dodecane (C12)

R.T.: 6.491 min
Delta R.T.: 0.004 min
Response: 2440517
Conc: 20.02 ug/ml



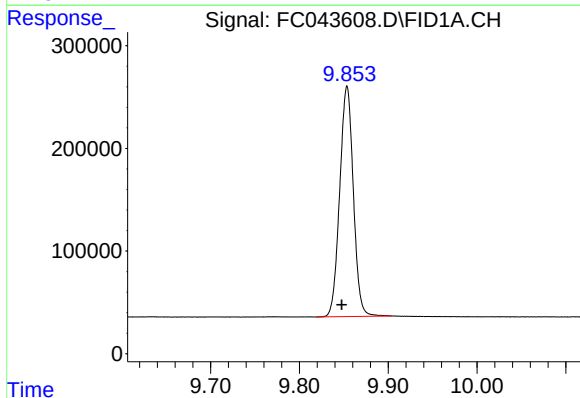
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: -0.010 min
Response: 2350334
Conc: 19.88 ug/ml



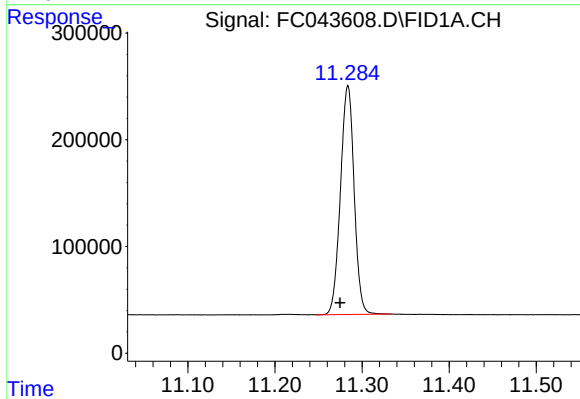
#6 n-Tetradecane (C14)

R.T.: 8.268 min
Delta R.T.: 0.005 min
Response: 2423039
Conc: 19.63 ug/ml



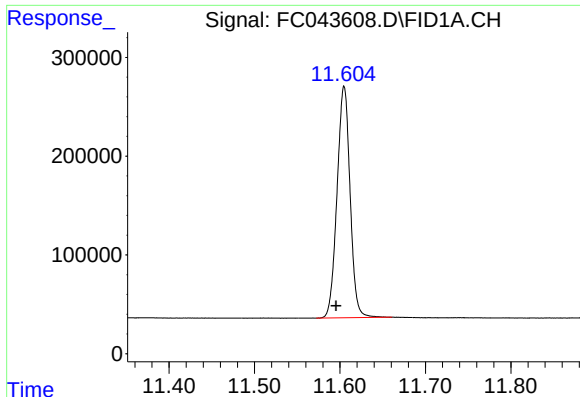
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: 0.006 min
Response: 2388958
Conc: 19.05 ug/ml



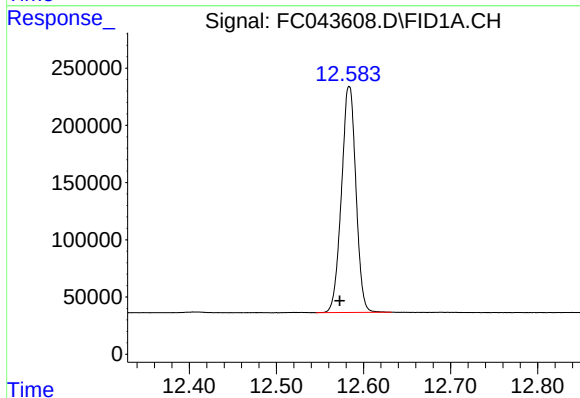
#8 n-Octadecane (C18)

R.T.: 11.284 min
Delta R.T.: 0.009 min
Response: 2345122
Conc: 18.19 ug/ml



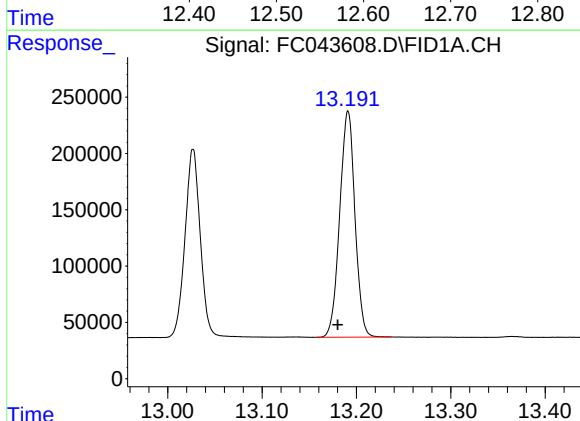
#9 ortho-Terphenyl (SURR)

R.T.: 11.605 min
Delta R.T.: 0.009 min
Response: 2487491
Conc: 17.43 ug/ml



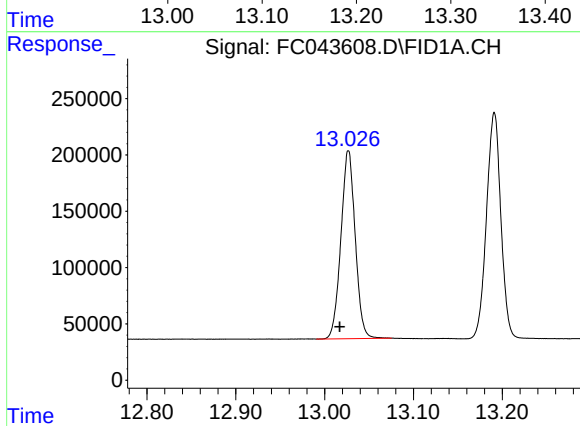
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: 0.011 min
Response: 2278773
Conc: 17.40 ug/ml



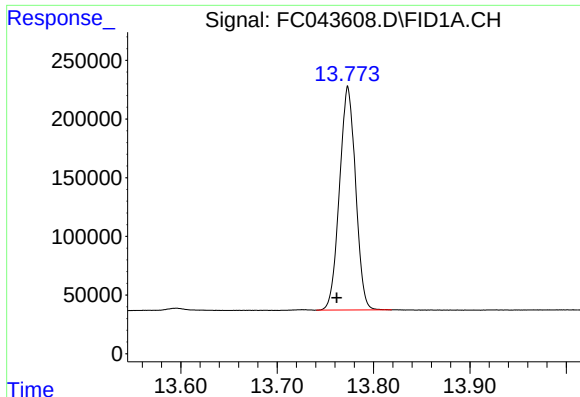
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: 0.011 min
Response: 2254678
Conc: 17.02 ug/ml



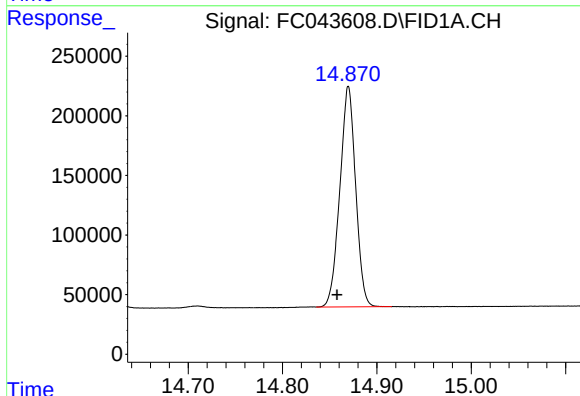
#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: 0.010 min
Response: 1868021
Conc: 16.87 ug/ml



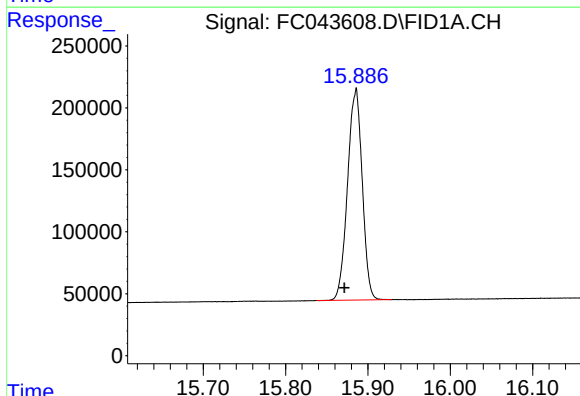
#13 n-Docosane (C22)

R.T.: 13.774 min
Delta R.T.: 0.012 min
Response: 2206243
Conc: 16.81 ug/ml



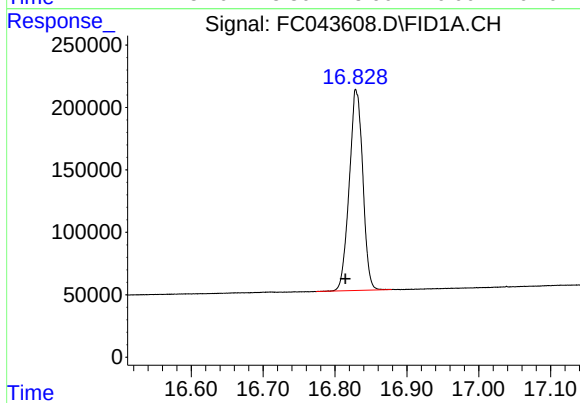
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: 0.012 min
Response: 2152418
Conc: 16.39 ug/ml



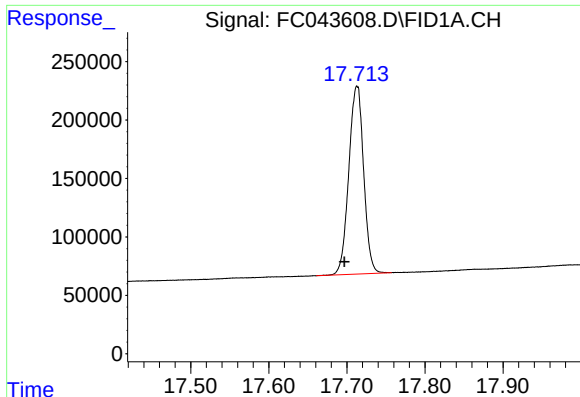
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: 0.014 min
Response: 2111199
Conc: 16.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.829 min
Delta R.T.: 0.015 min
Response: 2102902
Conc: 16.71 ug/ml



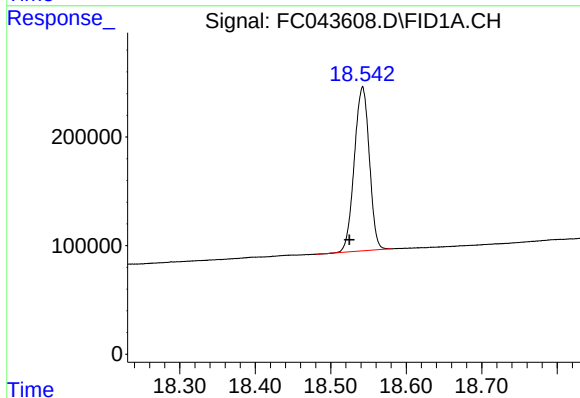
#17 n-Tricontane (C30)

R.T.: 17.713 min

Delta R.T.: 0.017 min

Response: 2122403

Conc: 17.29 ug/ml



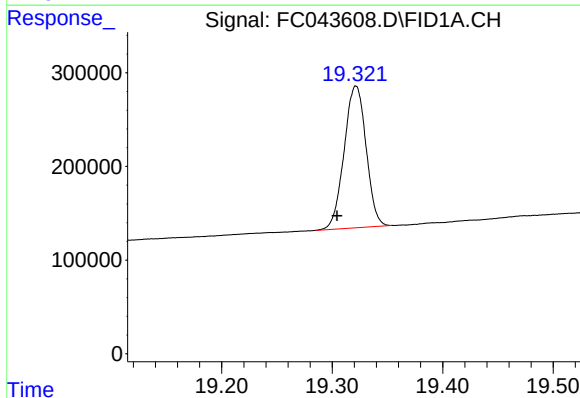
#18 n-Dotriacontane (C32)

R.T.: 18.542 min

Delta R.T.: 0.017 min

Response: 2083347

Conc: 18.08 ug/ml



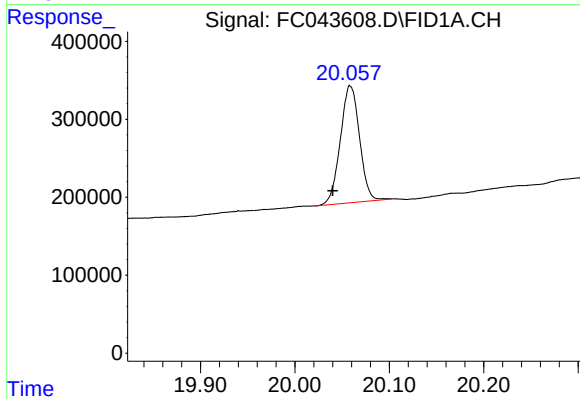
#19 n-Tetratriacontane (C34)

R.T.: 19.321 min

Delta R.T.: 0.016 min

Response: 2097045

Conc: 19.51 ug/ml m



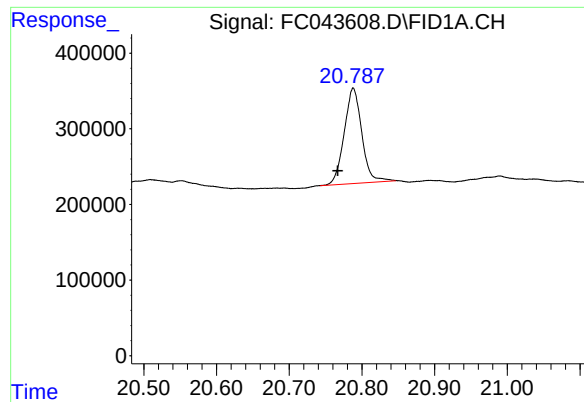
#20 n-Hexatriacontane (C36)

R.T.: 20.057 min

Delta R.T.: 0.017 min

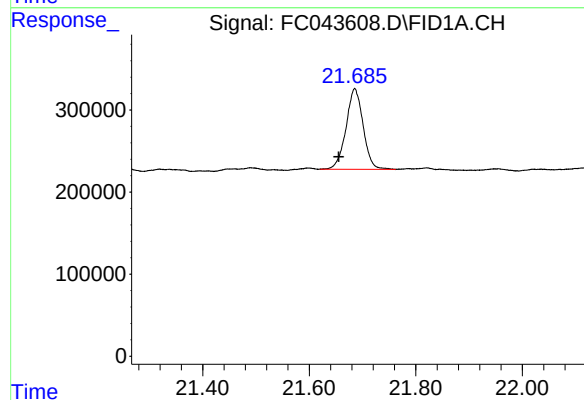
Response: 2121523

Conc: 21.53 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: 0.020 min
Response: 2120625
Conc: 23.05 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.685 min
Delta R.T.: 0.030 min
Response: 2191619
Conc: 23.37 ug/ml