

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080621AL\
 Data File : FC055068.D
 Signal(s) : FID1A.CH
 Acq On : 07 Aug 2021 3:36
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 09 03:19:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.309	2581244	20.502 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
12) S 1-chlorooctadecane (S...	12.750	2002465	20.205 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
Target Compounds			
1) T n-Nonane (C9)	3.145	2386961	22.827 ug/ml
2) T n-Decane (C10)	4.195	2458855	23.349 ug/ml
3) T A~Naphthalene (C11.7)	5.760	2578465	23.730 ug/ml
4) T n-Dodecane (C12)	6.196	2513948	23.151 ug/ml
5) T A~2-methylnaphthalene...	6.810	2620146	24.007 ug/ml
6) T n-Tetradecane (C14)	7.980	2540589	22.758 ug/ml
7) T n-Hexadecane (C16)	9.572	2517525	22.073 ug/ml
8) T n-Octadecane (C18)	11.006	2507892	21.267 ug/ml
10) T n-Eicosane (C20)	12.309	2412810	20.551 ug/ml
11) T n-Heneicosane (C21)	12.919	2390941	20.249 ug/ml
13) T n-Docosane (C22)	13.503	2348159	20.105 ug/ml
14) T n-Tetracosane (C24)	14.602	2275318	19.657 ug/ml
15) T n-Hexacosane (C26)	15.619	2164918	19.317 ug/ml
16) T n-Octacosane (C28)	16.566	2121754	19.542 ug/ml
17) T n-Tricontane (C30)	17.451	2118990	20.295 ug/ml
18) T n-Dotriacontane (C32)	18.281	2077064	20.973 ug/ml
19) T n-Tetratriacontane (C34)	19.064	2053391	21.665 ug/ml
20) T n-Hexatriacontane (C36)	19.802	2131287	23.585 ug/ml
21) T n-Octatriacontane (C38)	20.503	2773493	32.099 ug/ml
22) T n-Tetracontane (C40)	21.313	2016462	22.643 ug/ml

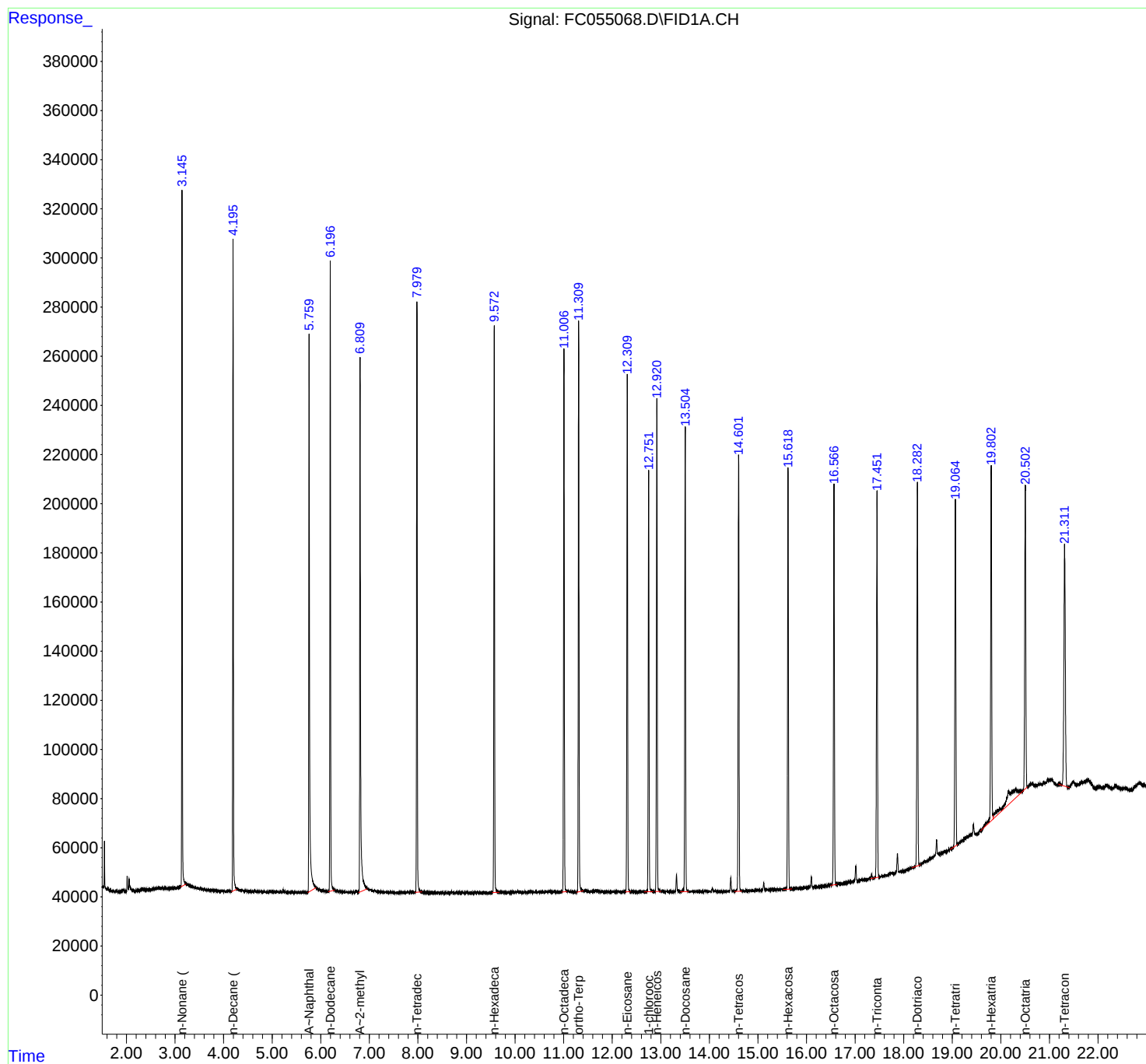
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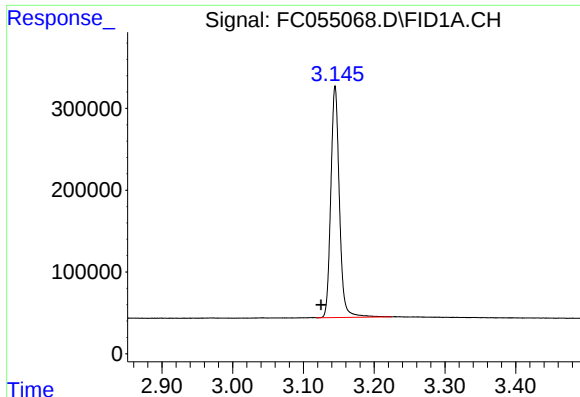
(m)=manual int.

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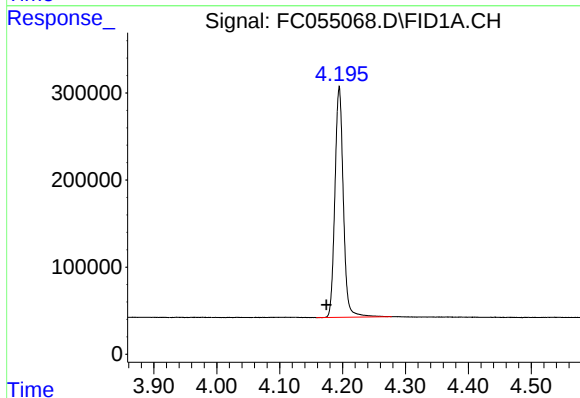
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





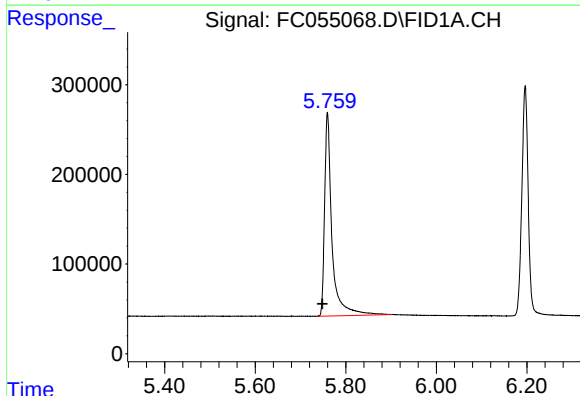
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: 0.020 min
Response: 2386961
Conc: 22.83 ug/ml



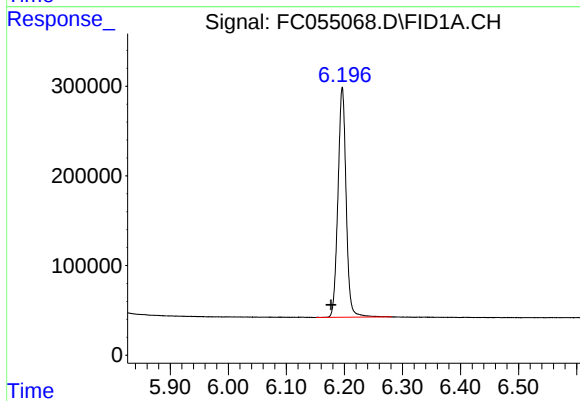
#2 n-Decane (C10)

R.T.: 4.195 min
Delta R.T.: 0.020 min
Response: 2458855
Conc: 23.35 ug/ml



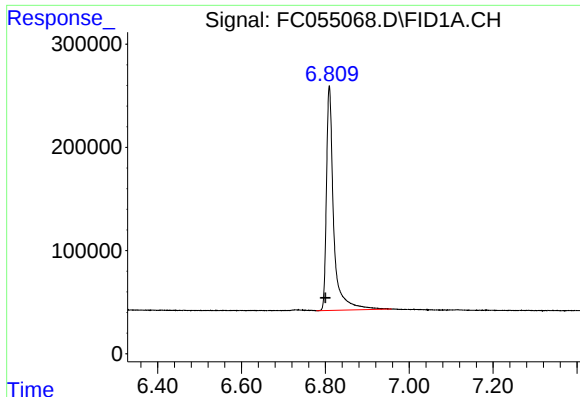
#3 A~Naphthalene (C11.7)

R.T.: 5.760 min
Delta R.T.: 0.011 min
Response: 2578465
Conc: 23.73 ug/ml



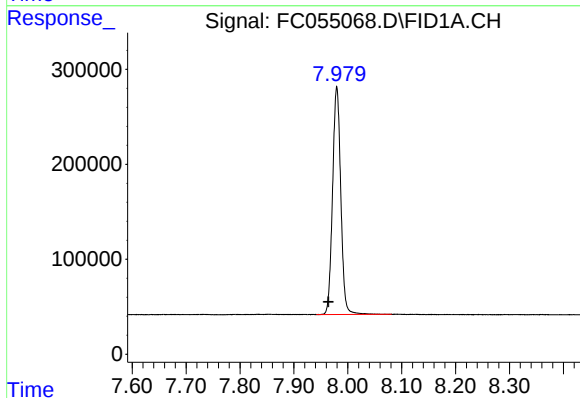
#4 n-Dodecane (C12)

R.T.: 6.196 min
Delta R.T.: 0.019 min
Response: 2513948
Conc: 23.15 ug/ml



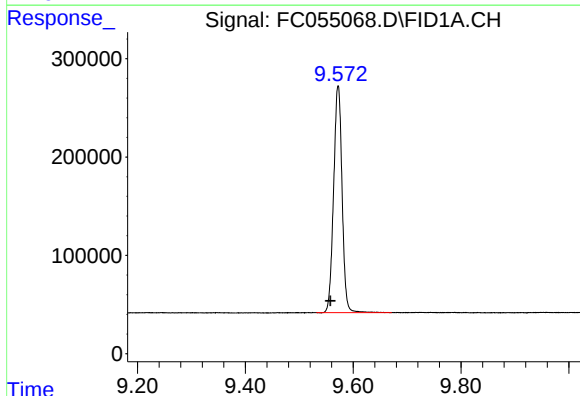
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.810 min
Delta R.T.: 0.010 min
Response: 2620146
Conc: 24.01 ug/ml



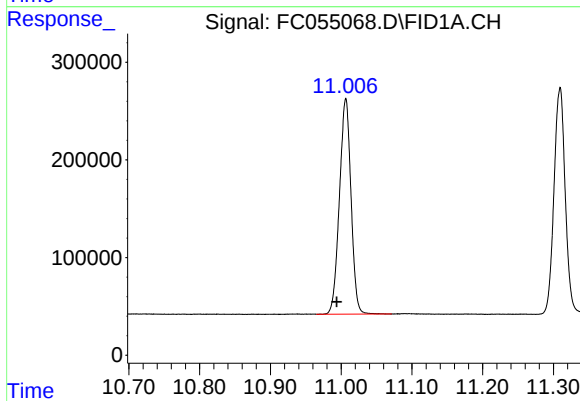
#6 n-Tetradecane (C14)

R.T.: 7.980 min
Delta R.T.: 0.016 min
Response: 2540589
Conc: 22.76 ug/ml



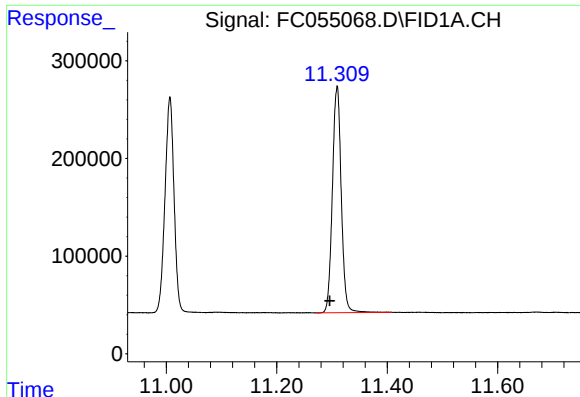
#7 n-Hexadecane (C16)

R.T.: 9.572 min
Delta R.T.: 0.014 min
Response: 2517525
Conc: 22.07 ug/ml



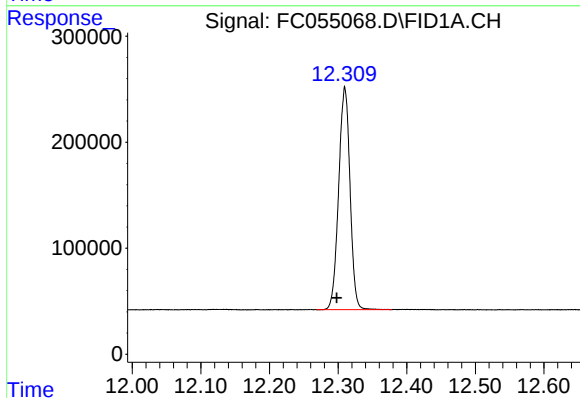
#8 n-Octadecane (C18)

R.T.: 11.006 min
Delta R.T.: 0.012 min
Response: 2507892
Conc: 21.27 ug/ml



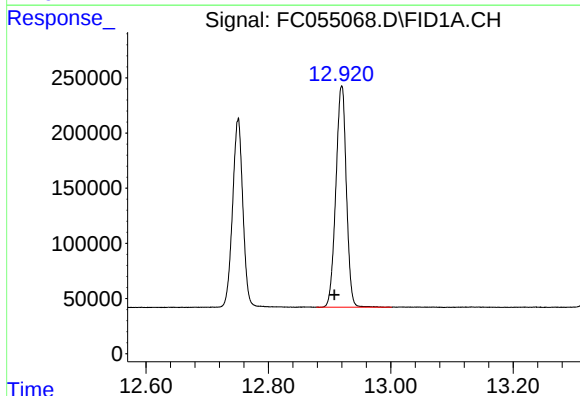
#9 ortho-Terphenyl (SURR)

R.T.: 11.309 min
Delta R.T.: 0.013 min
Response: 2581244
Conc: 20.50 ug/ml



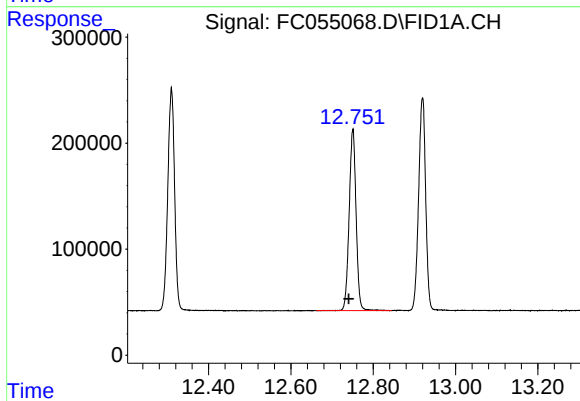
#10 n-Eicosane (C20)

R.T.: 12.309 min
Delta R.T.: 0.012 min
Response: 2412810
Conc: 20.55 ug/ml



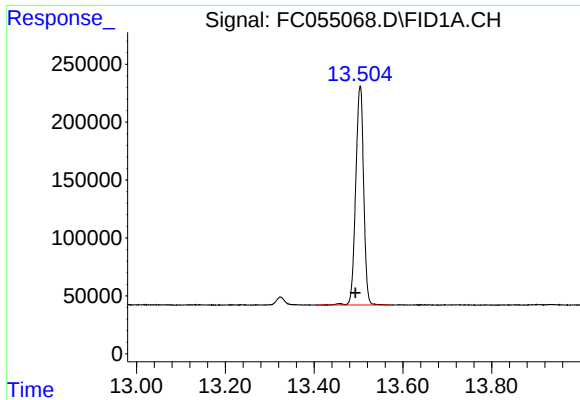
#11 n-Heneicosane (C21)

R.T.: 12.919 min
Delta R.T.: 0.011 min
Response: 2390941
Conc: 20.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.750 min
Delta R.T.: 0.009 min
Response: 2002465
Conc: 20.21 ug/ml



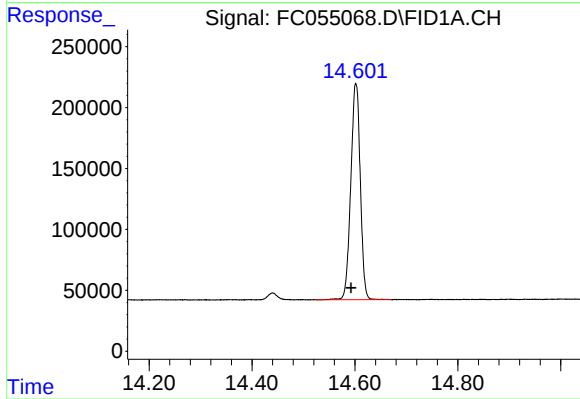
#13 n-Docosane (C22)

R.T.: 13.503 min

Delta R.T.: 0.010 min

Response: 2348159

Conc: 20.10 ug/ml



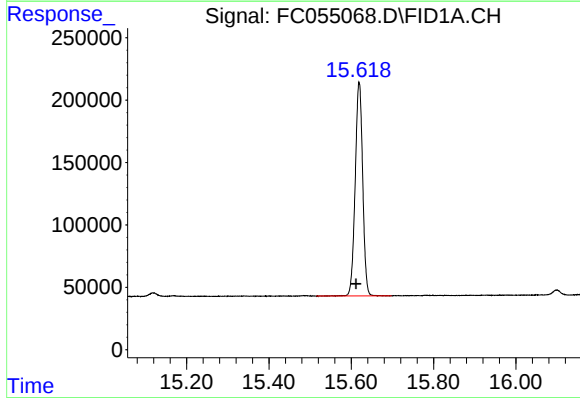
#14 n-Tetracosane (C24)

R.T.: 14.602 min

Delta R.T.: 0.009 min

Response: 2275318

Conc: 19.66 ug/ml



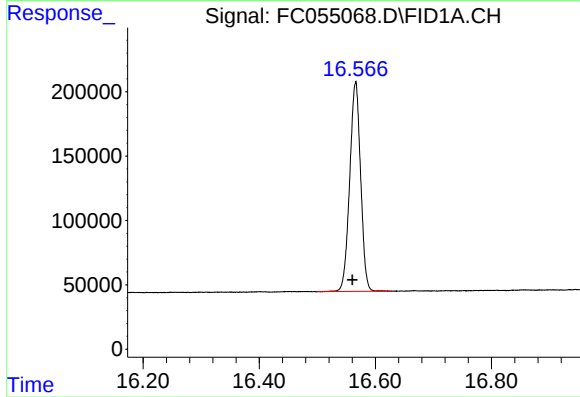
#15 n-Hexacosane (C26)

R.T.: 15.619 min

Delta R.T.: 0.007 min

Response: 2164918

Conc: 19.32 ug/ml



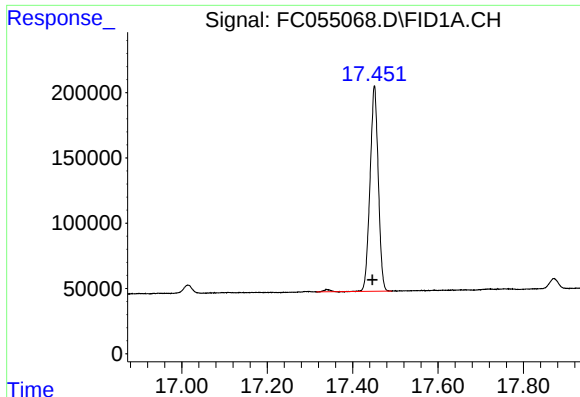
#16 n-Octacosane (C28)

R.T.: 16.566 min

Delta R.T.: 0.005 min

Response: 2121754

Conc: 19.54 ug/ml



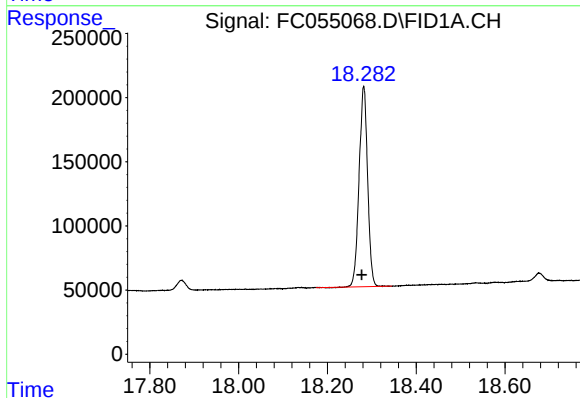
#17 n-Tricontane (C30)

R.T.: 17.451 min

Delta R.T.: 0.005 min

Response: 2118990

Conc: 20.29 ug/ml



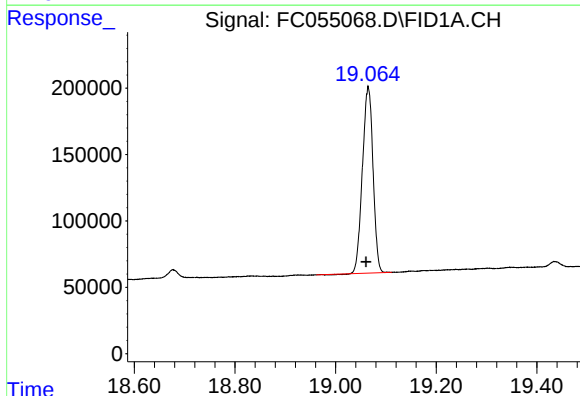
#18 n-Dotriacontane (C32)

R.T.: 18.281 min

Delta R.T.: 0.004 min

Response: 2077064

Conc: 20.97 ug/ml



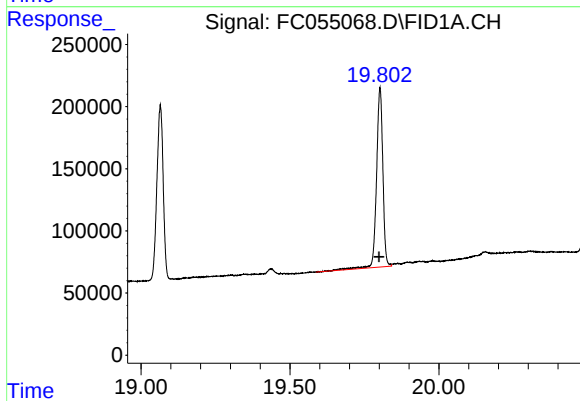
#19 n-Tetratriacontane (C34)

R.T.: 19.064 min

Delta R.T.: 0.004 min

Response: 2053391

Conc: 21.67 ug/ml



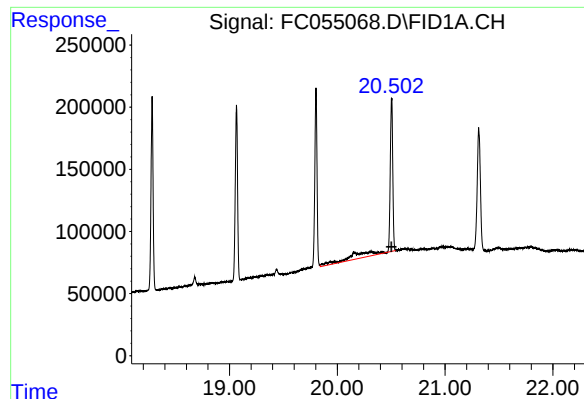
#20 n-Hexatriacontane (C36)

R.T.: 19.802 min

Delta R.T.: 0.003 min

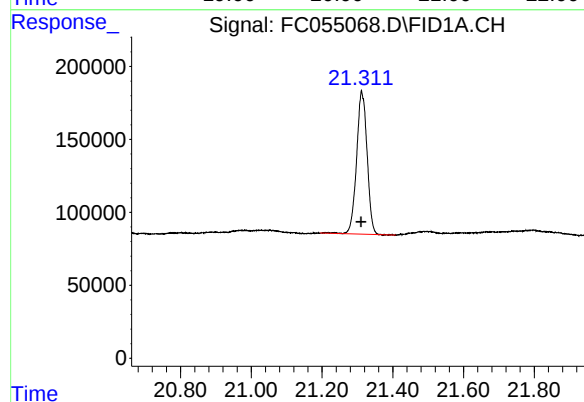
Response: 2131287

Conc: 23.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.503 min
Delta R.T.: 0.000 min
Response: 2773493
Conc: 32.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.313 min
Delta R.T.: 0.003 min
Response: 2016462
Conc: 22.64 ug/ml