

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081021AL\
 Data File : FC055107.D
 Signal(s) : FID1A.CH
 Acq On : 11 Aug 2021 00:01
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 01:20:07 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)	11.311	2195279	17.437 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
12) S 1-chlorooctadecane (S...	12.752	1713466	17.289 ug/ml
Spiked Amount 50.000		Recovery =	34.58%
Target Compounds			
1) T n-Nonane (C9)	3.145	2069207	19.788 ug/ml
2) T n-Decane (C10)	4.195	2108654	20.024 ug/ml
3) T A~Naphthalene (C11.7)	5.761	2172554	19.994 ug/ml
4) T n-Dodecane (C12)	6.196	2153192	19.828 ug/ml
5) T A~2-methylnaphthalene...	6.811	2186215	20.031 ug/ml
6) T n-Tetradecane (C14)	7.981	2163869	19.383 ug/ml
7) T n-Hexadecane (C16)	9.573	2156165	18.905 ug/ml
8) T n-Octadecane (C18)	11.007	2154546	18.271 ug/ml
10) T n-Eicosane (C20)	12.312	2068009	17.615 ug/ml
11) T n-Heneicosane (C21)	12.921	2058126	17.430 ug/ml
13) T n-Docosane (C22)	13.504	2000088	17.125 ug/ml
14) T n-Tetracosane (C24)	14.603	1936616	16.731 ug/ml
15) T n-Hexacosane (C26)	15.621	1832352	16.350 ug/ml
16) T n-Octacosane (C28)	16.568	1784776	16.438 ug/ml
17) T n-Tricontane (C30)	17.453	1744007	16.703 ug/ml
18) T n-Dotriacontane (C32)	18.282	1706343	17.230 ug/ml
19) T n-Tetratriacontane (C34)	19.065	1707112	18.012 ug/ml
20) T n-Hexatriacontane (C36)	19.803	1634990	18.093 ug/mlm
21) T n-Octatriacontane (C38)	20.505	1611792	18.654 ug/mlm
22) T n-Tetracontane (C40)	21.309	1624346	18.240 ug/mlm

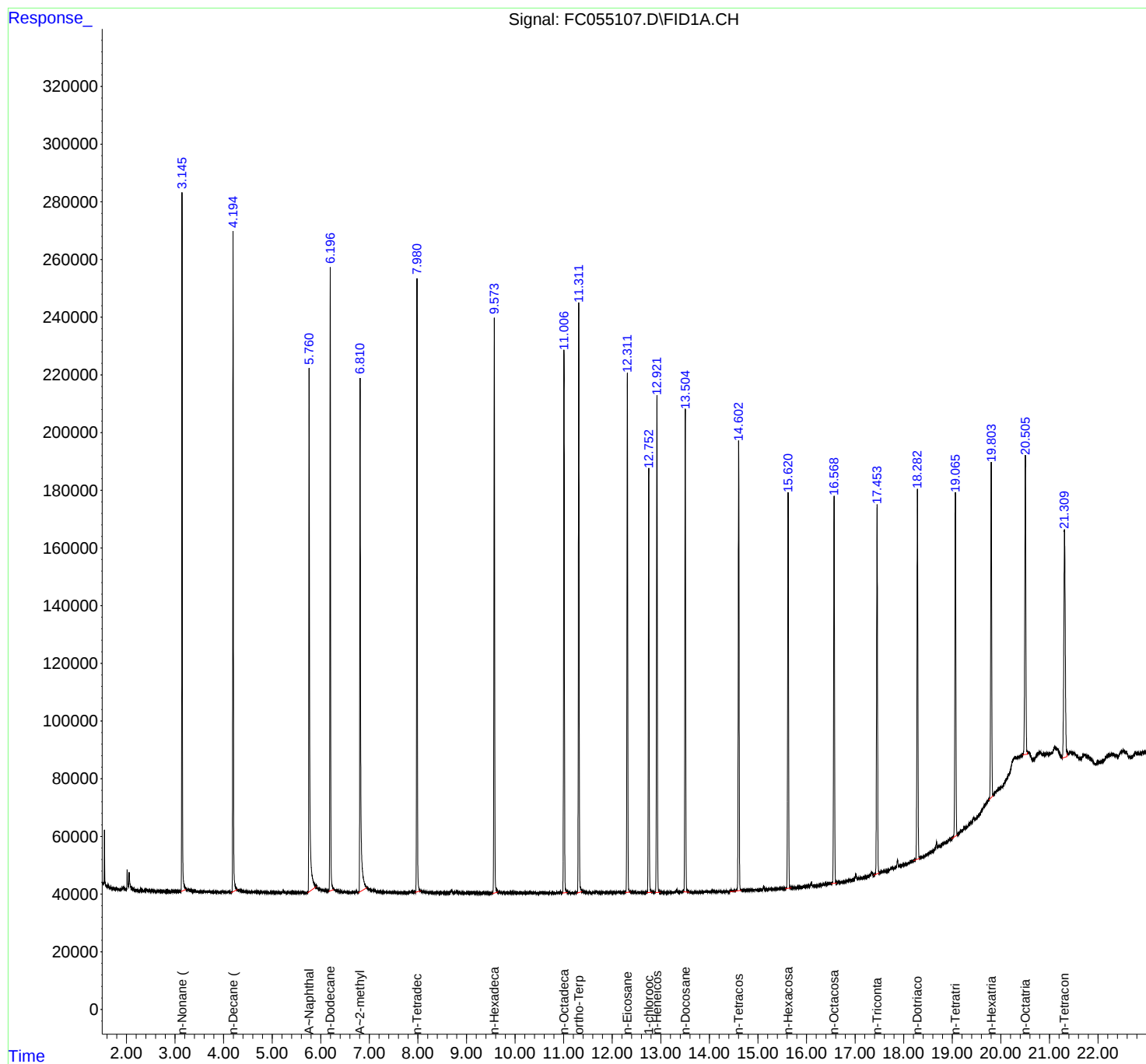
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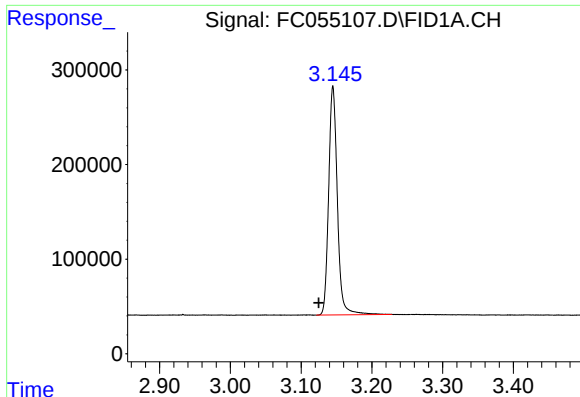
(m)=manual int.

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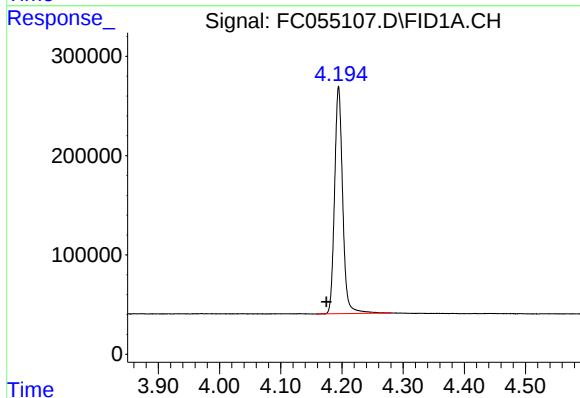
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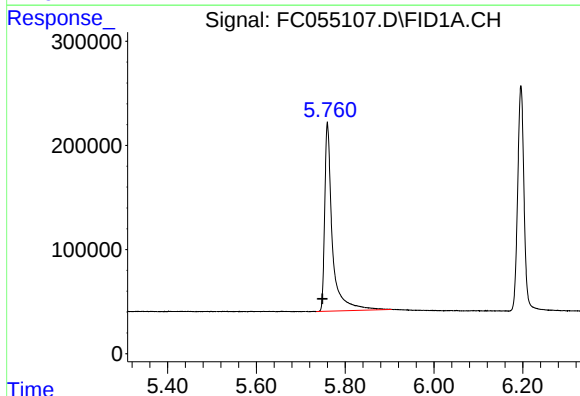
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: 0.020 min
Response: 2069207
Conc: 19.79 ug/ml



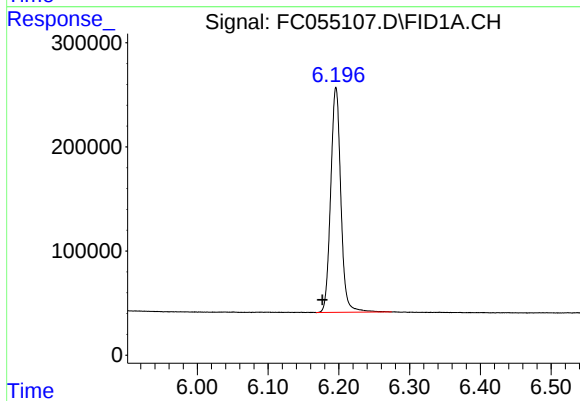
#2 n-Decane (C10)

R.T.: 4.195 min
Delta R.T.: 0.020 min
Response: 2108654
Conc: 20.02 ug/ml



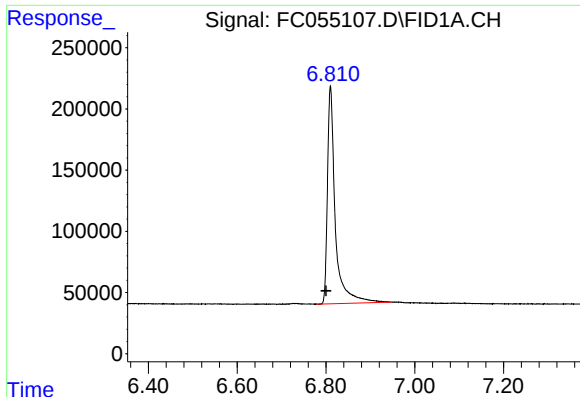
#3 A~Naphthalene (C11.7)

R.T.: 5.761 min
Delta R.T.: 0.012 min
Response: 2172554
Conc: 19.99 ug/ml



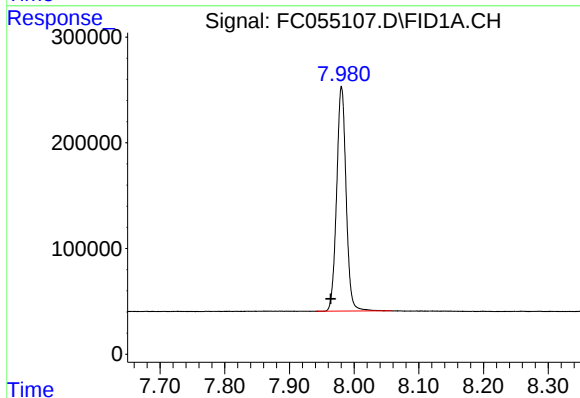
#4 n-Dodecane (C12)

R.T.: 6.196 min
Delta R.T.: 0.019 min
Response: 2153192
Conc: 19.83 ug/ml



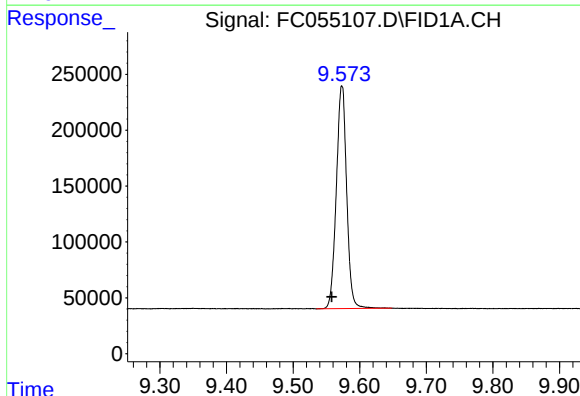
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.811 min
Delta R.T.: 0.010 min
Response: 2186215
Conc: 20.03 ug/ml



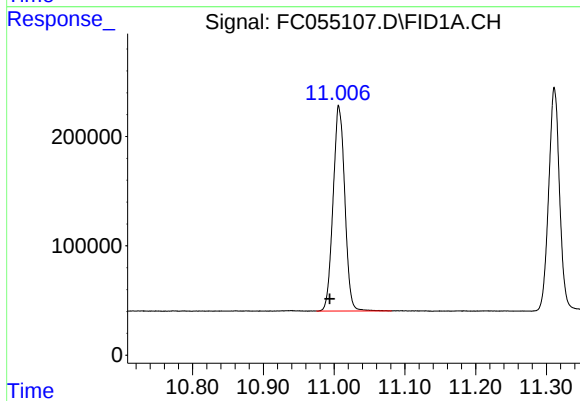
#6 n-Tetradecane (C14)

R.T.: 7.981 min
Delta R.T.: 0.017 min
Response: 2163869
Conc: 19.38 ug/ml



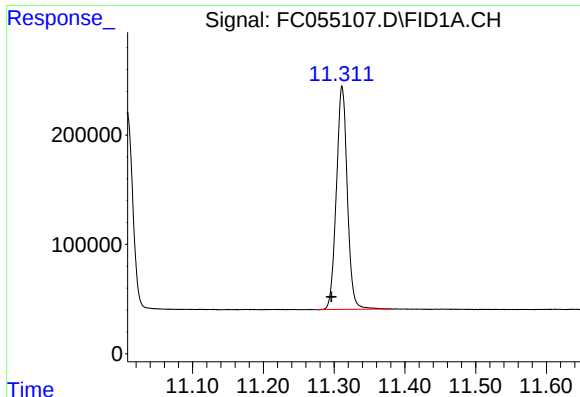
#7 n-Hexadecane (C16)

R.T.: 9.573 min
Delta R.T.: 0.015 min
Response: 2156165
Conc: 18.90 ug/ml



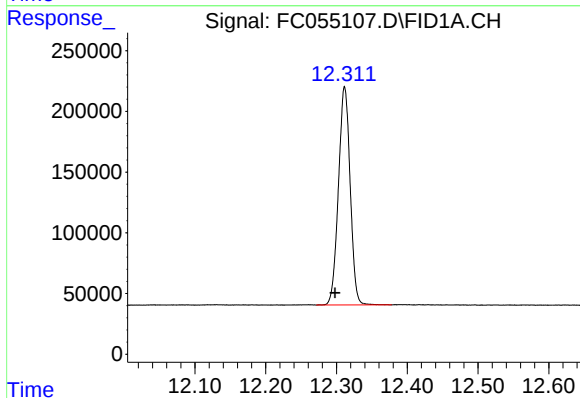
#8 n-Octadecane (C18)

R.T.: 11.007 min
Delta R.T.: 0.013 min
Response: 2154546
Conc: 18.27 ug/ml



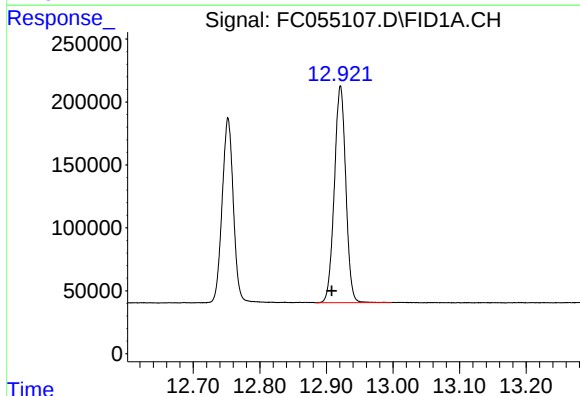
#9 ortho-Terphenyl (SURR)

R.T.: 11.311 min
Delta R.T.: 0.015 min
Response: 2195279
Conc: 17.44 ug/ml



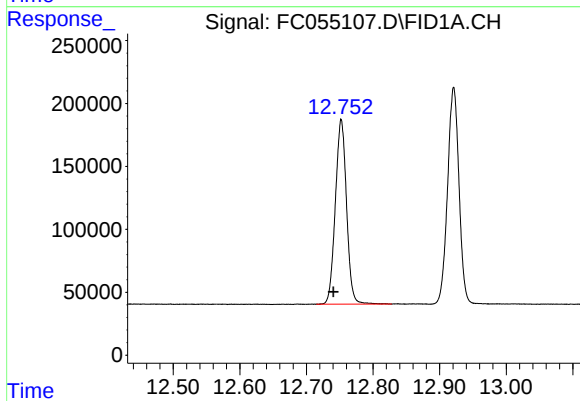
#10 n-Eicosane (C20)

R.T.: 12.312 min
Delta R.T.: 0.014 min
Response: 2068009
Conc: 17.61 ug/ml



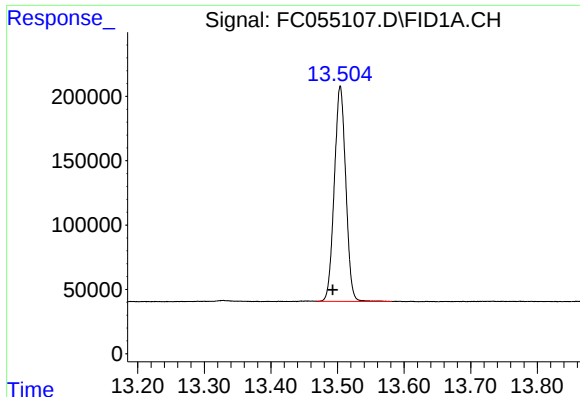
#11 n-Heneicosane (C21)

R.T.: 12.921 min
Delta R.T.: 0.013 min
Response: 2058126
Conc: 17.43 ug/ml



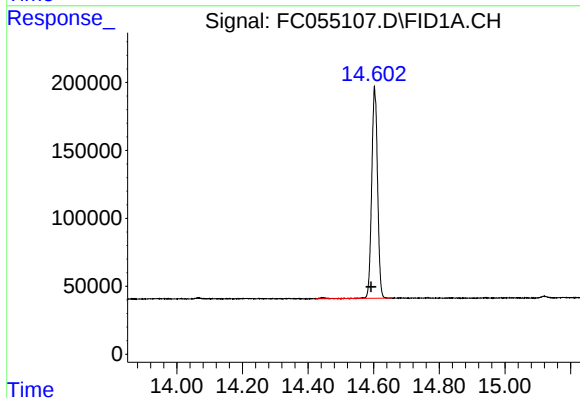
#12 1-chlorooctadecane (SURR)

R.T.: 12.752 min
Delta R.T.: 0.012 min
Response: 1713466
Conc: 17.29 ug/ml



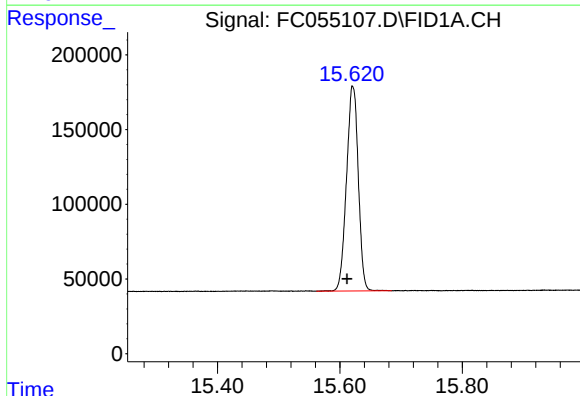
#13 n-Docosane (C22)

R.T.: 13.504 min
Delta R.T.: 0.011 min
Response: 2000088
Conc: 17.12 ug/ml



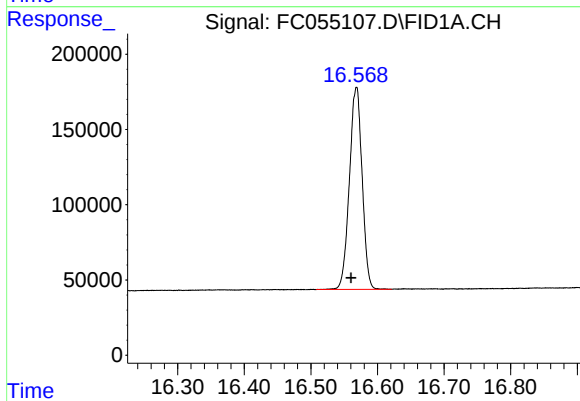
#14 n-Tetracosane (C24)

R.T.: 14.603 min
Delta R.T.: 0.011 min
Response: 1936616
Conc: 16.73 ug/ml



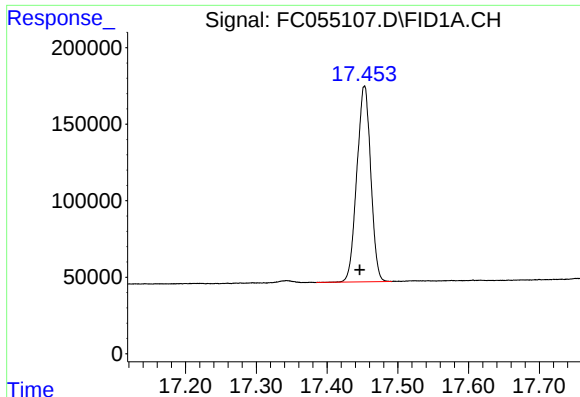
#15 n-Hexacosane (C26)

R.T.: 15.621 min
Delta R.T.: 0.010 min
Response: 1832352
Conc: 16.35 ug/ml



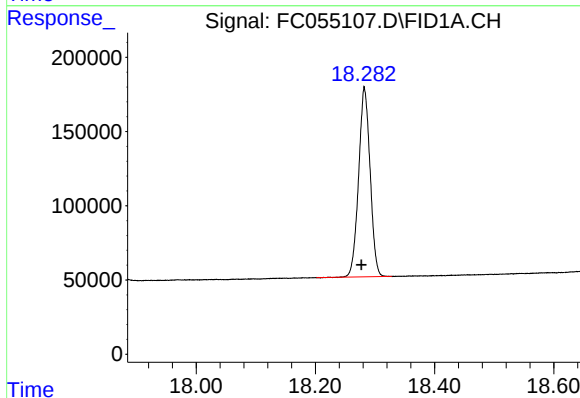
#16 n-Octacosane (C28)

R.T.: 16.568 min
Delta R.T.: 0.007 min
Response: 1784776
Conc: 16.44 ug/ml



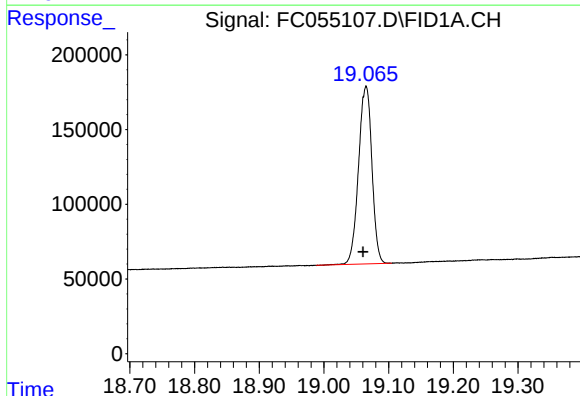
#17 n-Tricontane (C30)

R.T.: 17.453 min
Delta R.T.: 0.007 min
Response: 1744007
Conc: 16.70 ug/ml



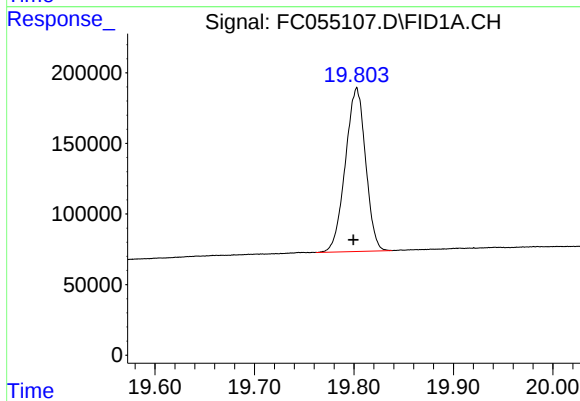
#18 n-Dotriacontane (C32)

R.T.: 18.282 min
Delta R.T.: 0.005 min
Response: 1706343
Conc: 17.23 ug/ml



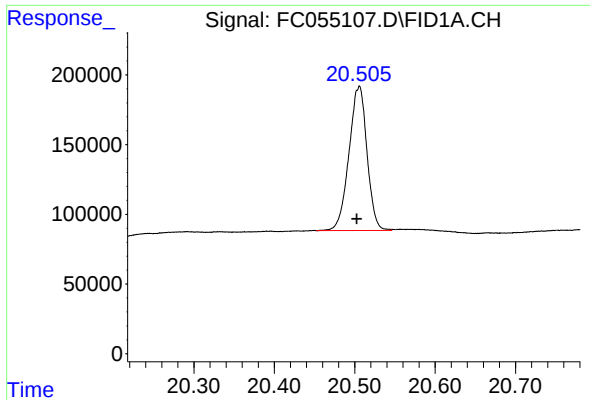
#19 n-Tetratriacontane (C34)

R.T.: 19.065 min
Delta R.T.: 0.004 min
Response: 1707112
Conc: 18.01 ug/ml



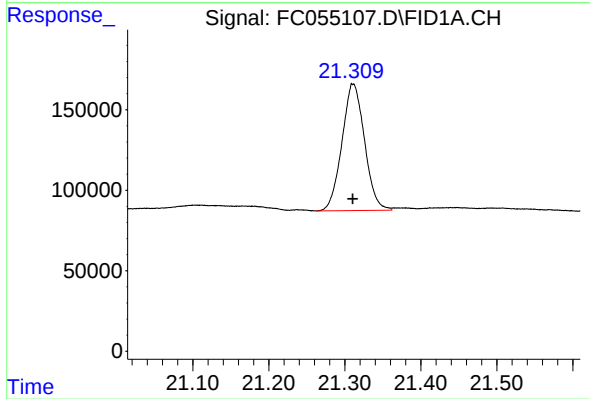
#20 n-Hexatriacontane (C36)

R.T.: 19.803 min
Delta R.T.: 0.003 min
Response: 1634990
Conc: 18.09 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.505 min
Delta R.T.: 0.003 min
Response: 1611792
Conc: 18.65 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.309 min
Delta R.T.: -0.002 min
Response: 1624346
Conc: 18.24 ug/ml m