

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101521AL\
 Data File : FC056203.D
 Signal(s) : FID1A.CH
 Acq On : 15 Oct 2021 22:09
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 16 02:29:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.635	2325190	19.595 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
12) S 1-chlorooctadecane (S...	13.065	1798700	19.578 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
Target Compounds			
1) T n-Nonane (C9)	3.387	2394617	22.440 ug/ml
2) T n-Decane (C10)	4.455	2425309	22.689 ug/ml
3) T A~Naphthalene (C11.7)	6.048	2618353	21.761 ug/ml
4) T n-Dodecane (C12)	6.475	2412162	22.224 ug/ml
5) T A~2-methylnaphthalene...	7.106	2568116	21.141 ug/ml
6) T n-Tetradecane (C14)	8.271	2362144	21.351 ug/ml
7) T n-Hexadecane (C16)	9.871	2292090	20.707 ug/ml
8) T n-Octadecane (C18)	11.312	2270791	20.289 ug/ml
10) T n-Eicosane (C20)	12.621	2172796	19.892 ug/ml
11) T n-Heneicosane (C21)	13.231	2155982	19.830 ug/ml
13) T n-Docosane (C22)	13.816	2112156	19.777 ug/ml
14) T n-Tetracosane (C24)	14.916	2086879	19.957 ug/ml
15) T n-Hexacosane (C26)	15.934	2050115	20.404 ug/ml
16) T n-Octacosane (C28)	16.883	2045905	21.151 ug/ml
17) T n-Tricontane (C30)	17.766	2067053	22.278 ug/mlm
18) T n-Dotriacontane (C32)	18.596	2059280	23.162 ug/ml
19) T n-Tetratriacontane (C34)	19.375	2013542	23.281 ug/mlm
20) T n-Hexatriacontane (C36)	20.111	1896881	23.217 ug/mlm
21) T n-Octatriacontane (C38)	20.851	1755999	22.036 ug/ml
22) T n-Tetracontane (C40)	21.772	1639979	20.459 ug/ml

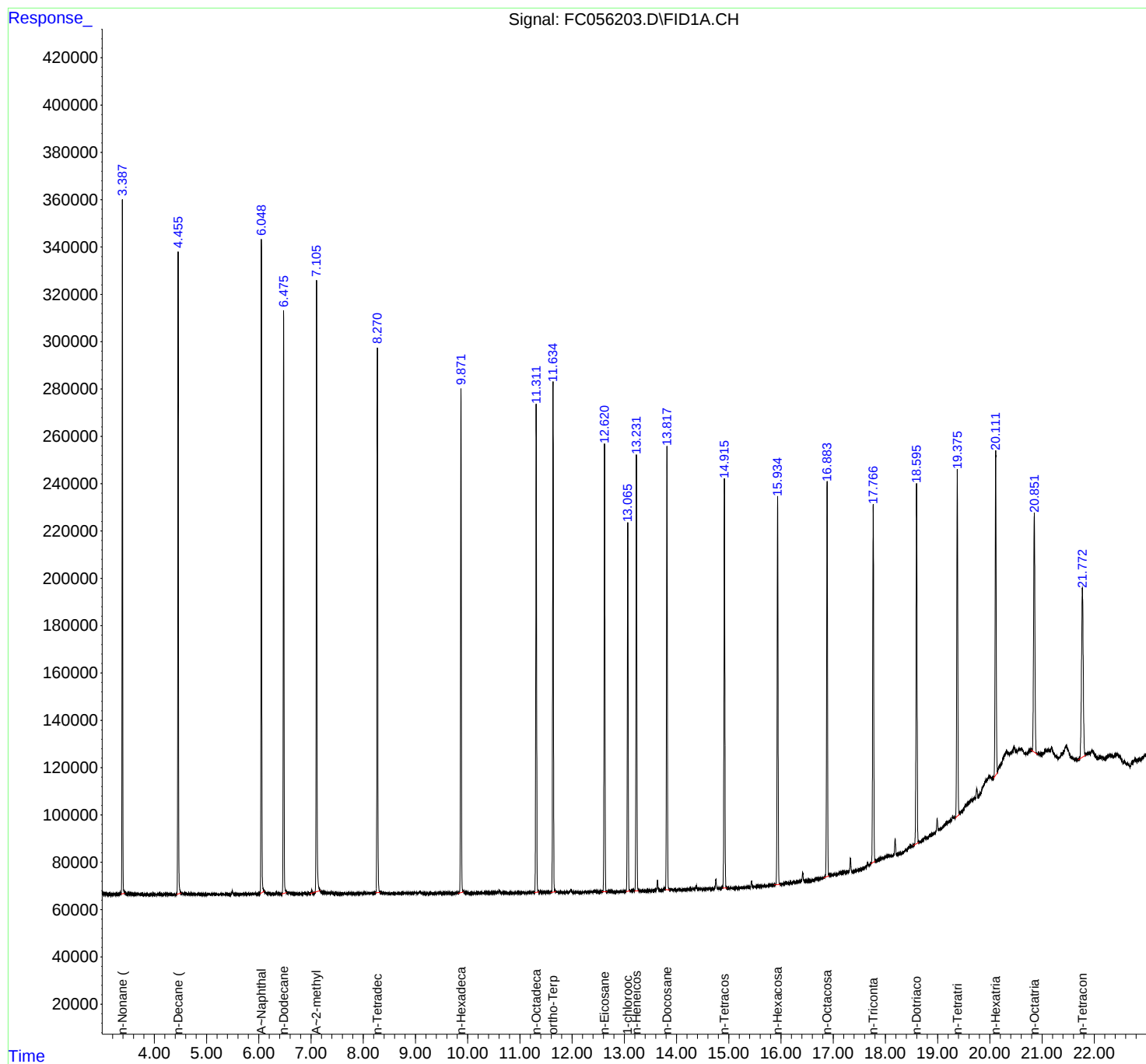
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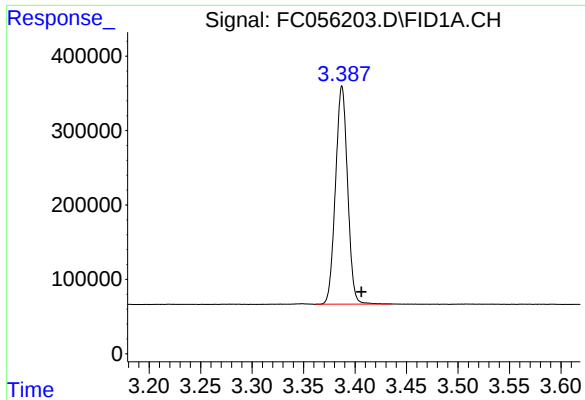
(m)=manual int.

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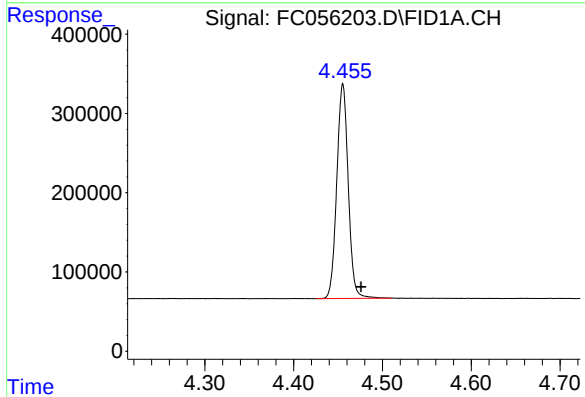
Volume Inj. : 1 uL
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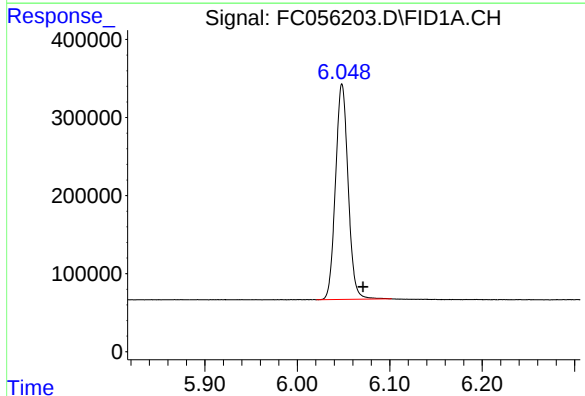
#1 n-Nonane (C9)

R.T.: 3.387 min
Delta R.T.: -0.019 min
Response: 2394617
Conc: 22.44 ug/ml



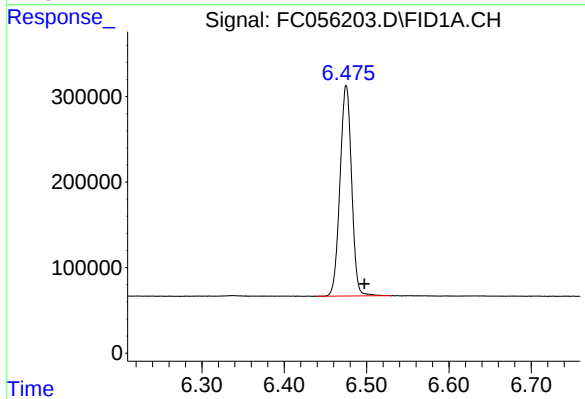
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: -0.021 min
Response: 2425309
Conc: 22.69 ug/ml



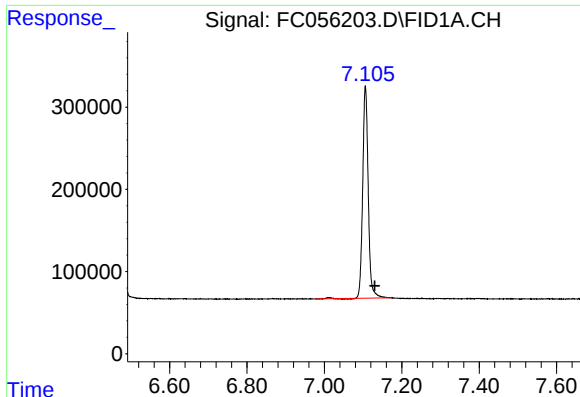
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: -0.023 min
Response: 2618353
Conc: 21.76 ug/ml



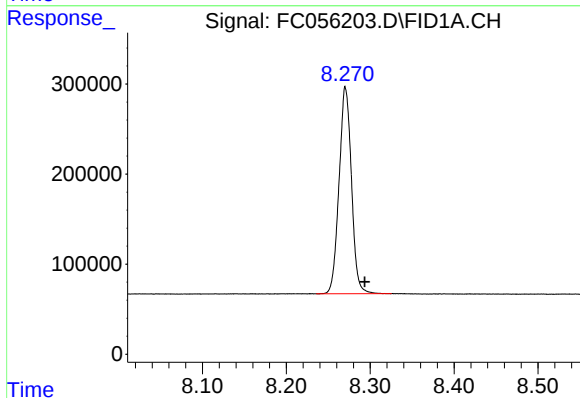
#4 n-Dodecane (C12)

R.T.: 6.475 min
Delta R.T.: -0.022 min
Response: 2412162
Conc: 22.22 ug/ml



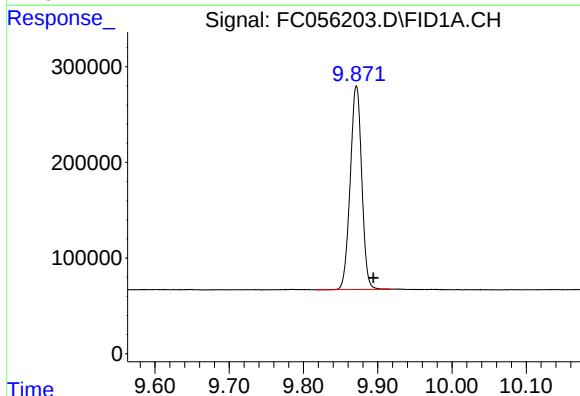
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: -0.024 min
Response: 2568116
Conc: 21.14 ug/ml



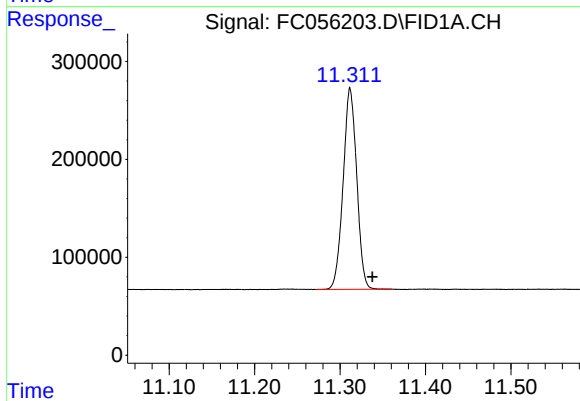
#6 n-Tetradecane (C14)

R.T.: 8.271 min
Delta R.T.: -0.023 min
Response: 2362144
Conc: 21.35 ug/ml



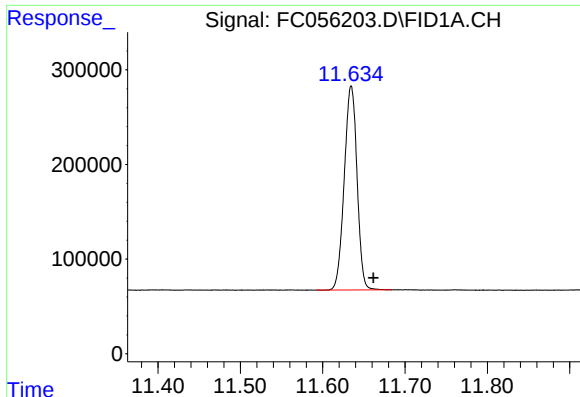
#7 n-Hexadecane (C16)

R.T.: 9.871 min
Delta R.T.: -0.023 min
Response: 2292090
Conc: 20.71 ug/ml



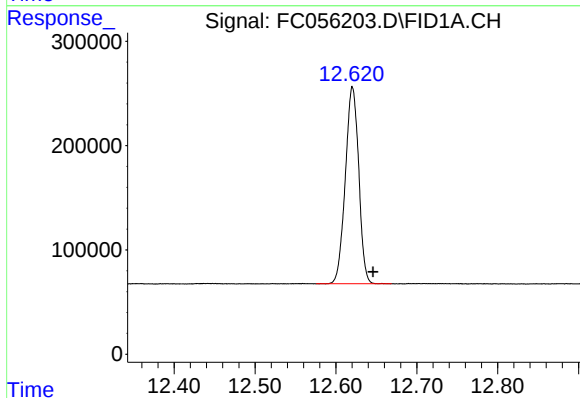
#8 n-Octadecane (C18)

R.T.: 11.312 min
Delta R.T.: -0.026 min
Response: 2270791
Conc: 20.29 ug/ml



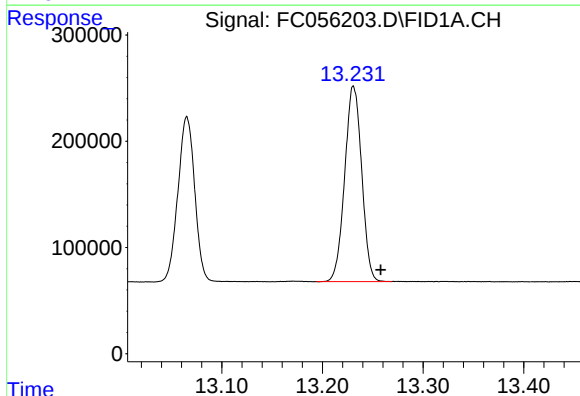
#9 ortho-Terphenyl (SURR)

R.T.: 11.635 min
Delta R.T.: -0.027 min
Response: 2325190
Conc: 19.60 ug/ml



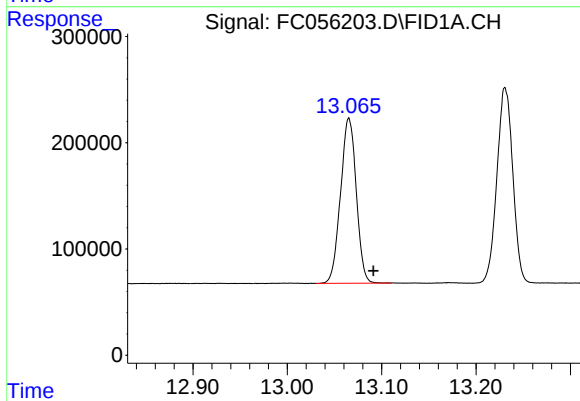
#10 n-Eicosane (C20)

R.T.: 12.621 min
Delta R.T.: -0.025 min
Response: 2172796
Conc: 19.89 ug/ml



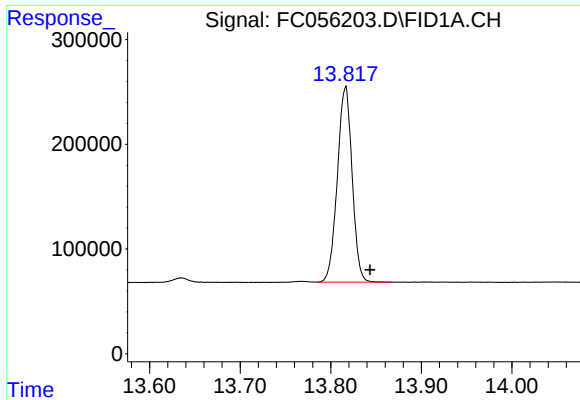
#11 n-Heneicosane (C21)

R.T.: 13.231 min
Delta R.T.: -0.027 min
Response: 2155982
Conc: 19.83 ug/ml



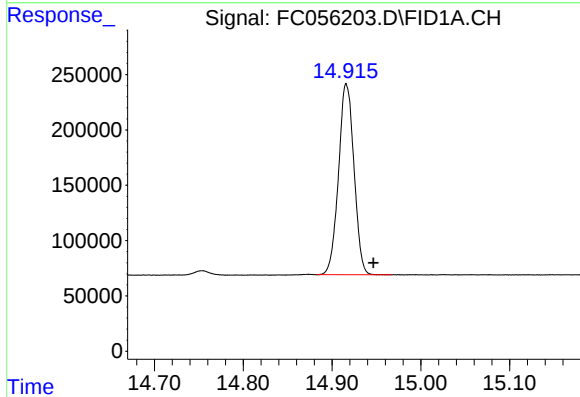
#12 1-chlorooctadecane (SURR)

R.T.: 13.065 min
Delta R.T.: -0.026 min
Response: 1798700
Conc: 19.58 ug/ml



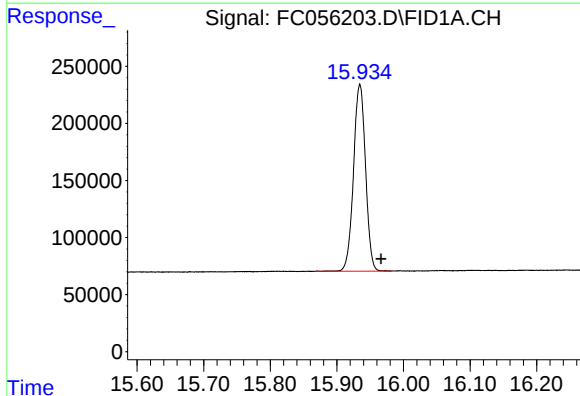
#13 n-Docosane (C22)

R.T.: 13.816 min
Delta R.T.: -0.027 min
Response: 2112156
Conc: 19.78 ug/ml



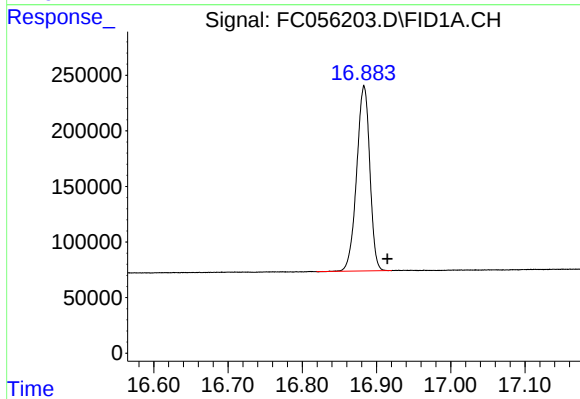
#14 n-Tetracosane (C24)

R.T.: 14.916 min
Delta R.T.: -0.030 min
Response: 2086879
Conc: 19.96 ug/ml



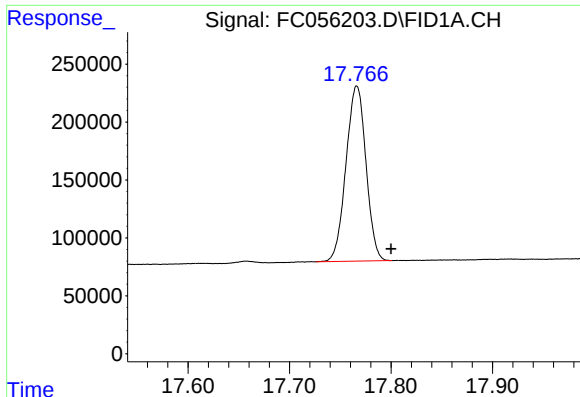
#15 n-Hexacosane (C26)

R.T.: 15.934 min
Delta R.T.: -0.032 min
Response: 2050115
Conc: 20.40 ug/ml



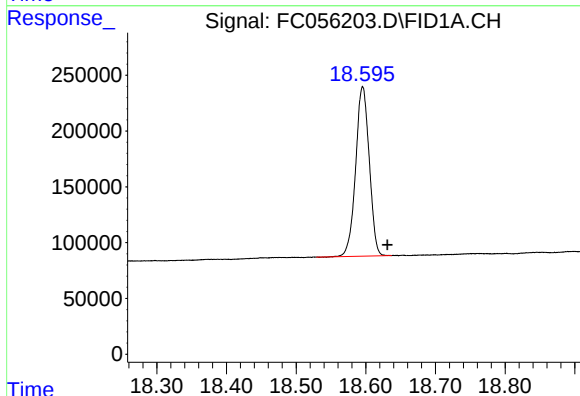
#16 n-Octacosane (C28)

R.T.: 16.883 min
Delta R.T.: -0.031 min
Response: 2045905
Conc: 21.15 ug/ml



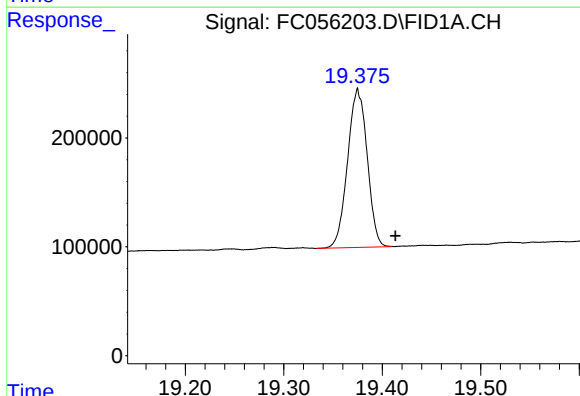
#17 n-Tricontane (C30)

R.T.: 17.766 min
Delta R.T.: -0.035 min
Response: 2067053
Conc: 22.28 ug/ml m



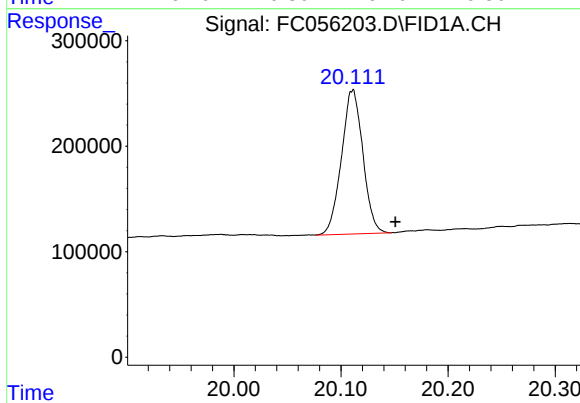
#18 n-Dotriacontane (C32)

R.T.: 18.596 min
Delta R.T.: -0.035 min
Response: 2059280
Conc: 23.16 ug/ml



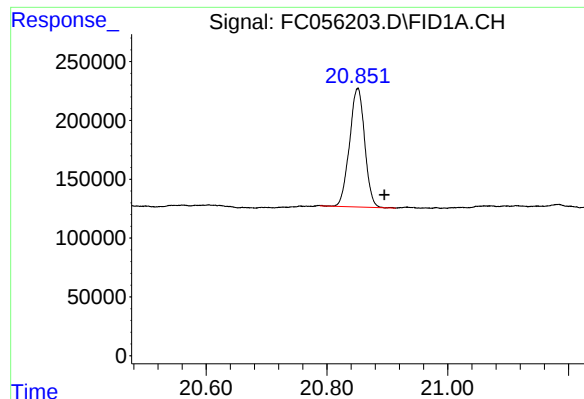
#19 n-Tetratriacontane (C34)

R.T.: 19.375 min
Delta R.T.: -0.039 min
Response: 2013542
Conc: 23.28 ug/ml m



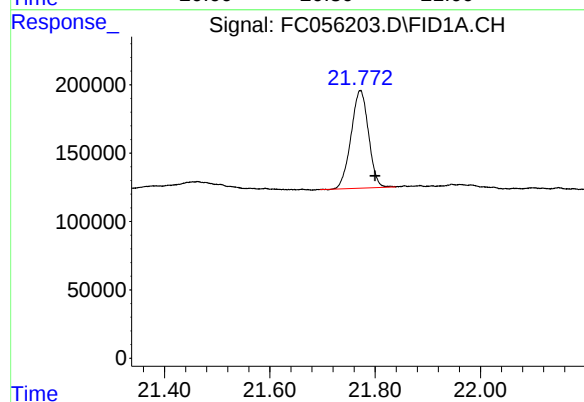
#20 n-Hexatriacontane (C36)

R.T.: 20.111 min
Delta R.T.: -0.039 min
Response: 1896881
Conc: 23.22 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.851 min
Delta R.T.: -0.044 min
Response: 1755999
Conc: 22.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.772 min
Delta R.T.: -0.028 min
Response: 1639979
Conc: 20.46 ug/ml