

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101821AL\
 Data File : FC056220.D
 Signal(s) : FID1A.CH
 Acq On : 18 Oct 2021 11:40
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 19 00:41:53 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	1823885	15.371 ug/ml
Spiked Amount 50.000		Recovery =	30.74%
12) S 1-chlorooctadecane (S...	13.065	1407455	15.320 ug/ml
Spiked Amount 50.000		Recovery =	30.64%
Target Compounds			
1) T n-Nonane (C9)	3.384	1934865	18.132 ug/ml
2) T n-Decane (C10)	4.454	1916615	17.930 ug/ml
3) T A~Naphthalene (C11.7)	6.049	2067058	17.180 ug/ml
4) T n-Dodecane (C12)	6.475	1903243	17.535 ug/ml
5) T A~2-methylnaphthalene...	7.107	2014555	16.584 ug/ml
6) T n-Tetradecane (C14)	8.271	1856448	16.780 ug/ml
7) T n-Hexadecane (C16)	9.872	1803771	16.296 ug/ml
8) T n-Octadecane (C18)	11.312	1785832	15.956 ug/ml
10) T n-Eicosane (C20)	12.620	1703040	15.592 ug/ml
11) T n-Heneicosane (C21)	13.231	1691832	15.561 ug/ml
13) T n-Docosane (C22)	13.816	1652701	15.475 ug/ml
14) T n-Tetracosane (C24)	14.916	1620121	15.493 ug/ml
15) T n-Hexacosane (C26)	15.936	1583642	15.762 ug/ml
16) T n-Octacosane (C28)	16.882	1579343	16.328 ug/ml
17) T n-Tricontane (C30)	17.766	1596558	17.207 ug/ml
18) T n-Dotriacontane (C32)	18.596	1563709	17.588 ug/ml
19) T n-Tetratriacontane (C34)	19.376	1520997	17.586 ug/ml
20) T n-Hexatriacontane (C36)	20.113	1649328	20.187 ug/ml
21) T n-Octatriacontane (C38)	20.851	1352597	16.974 ug/ml
22) T n-Tetracontane (C40)	21.773	1348887	16.827 ug/ml

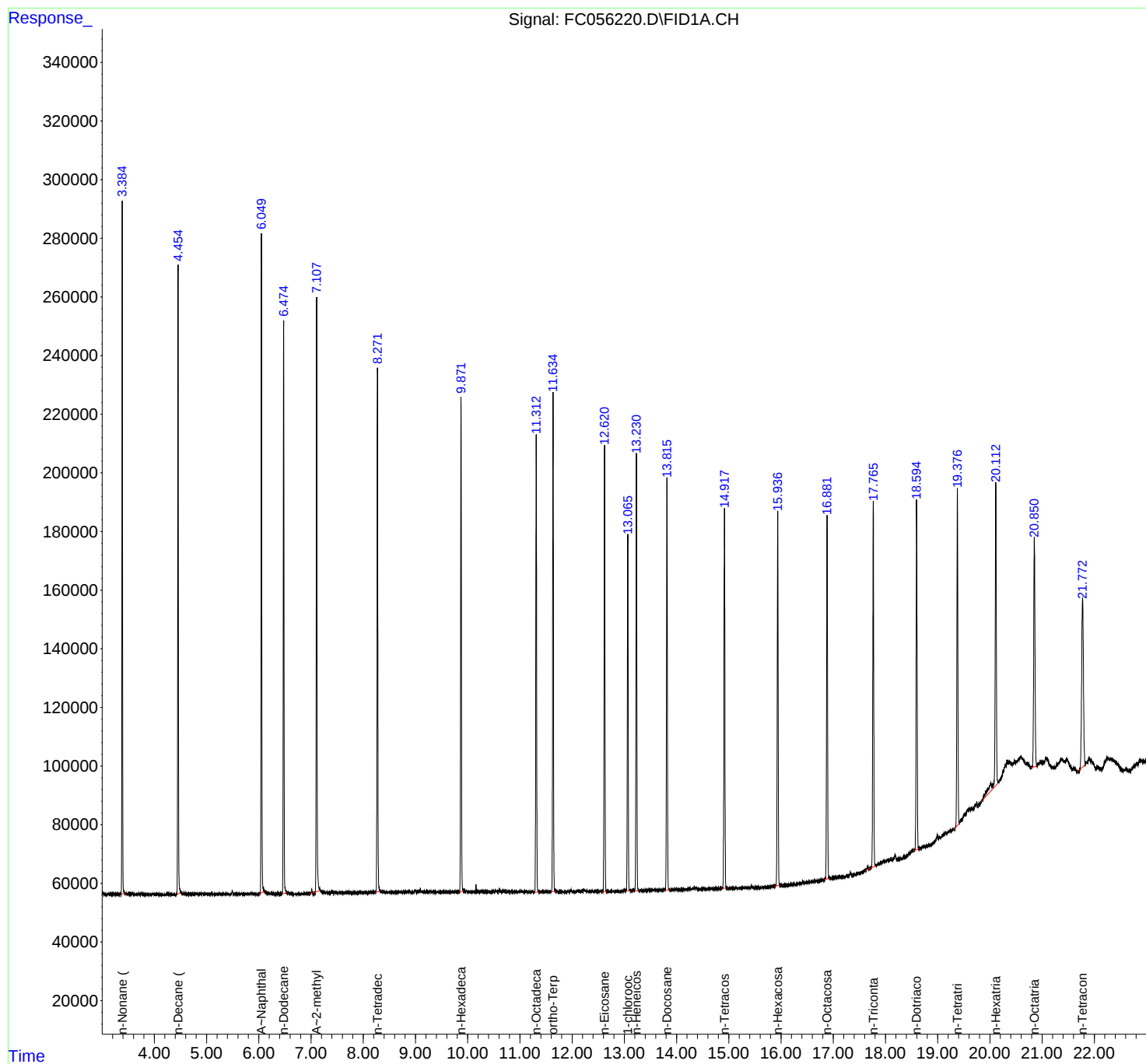
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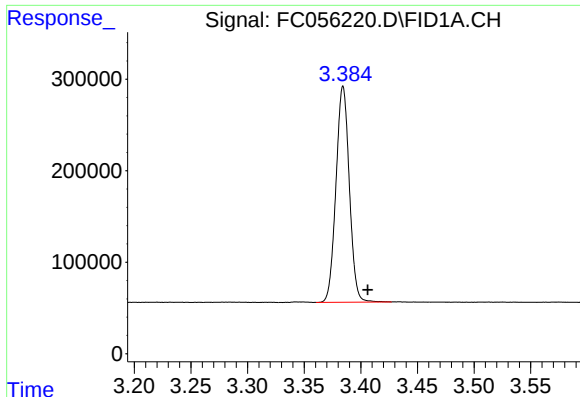
(m)=manual int.

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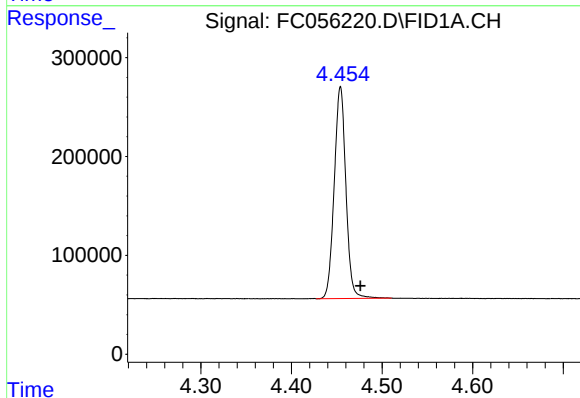
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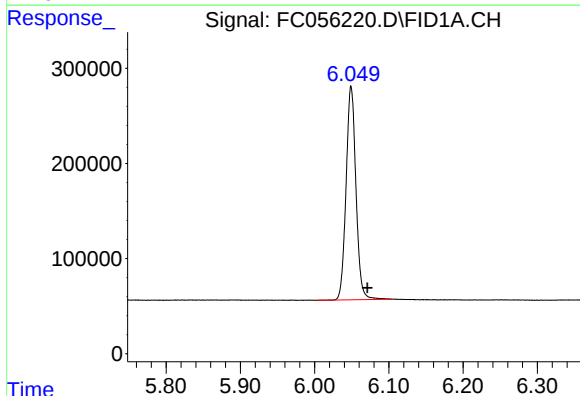
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: -0.022 min
Response: 1934865
Conc: 18.13 ug/ml



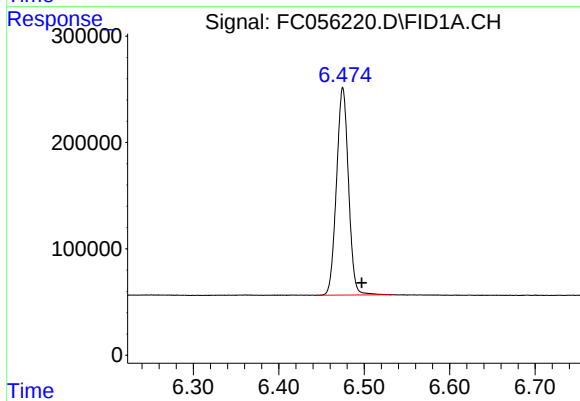
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: -0.022 min
Response: 1916615
Conc: 17.93 ug/ml



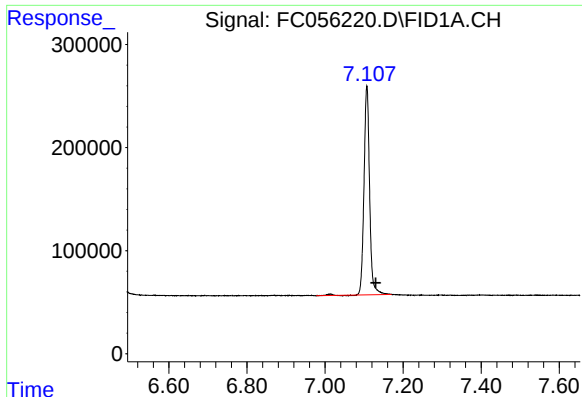
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.022 min
Response: 2067058
Conc: 17.18 ug/ml



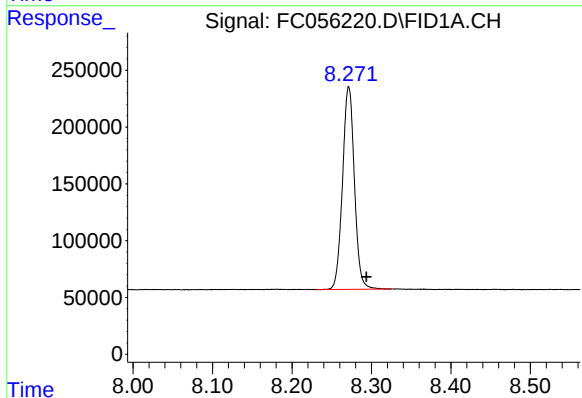
#4 n-Dodecane (C12)

R.T.: 6.475 min
Delta R.T.: -0.022 min
Response: 1903243
Conc: 17.53 ug/ml



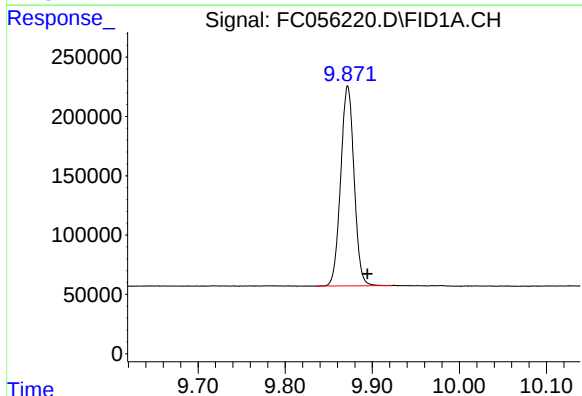
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.107 min
Delta R.T.: -0.023 min
Response: 2014555
Conc: 16.58 ug/ml



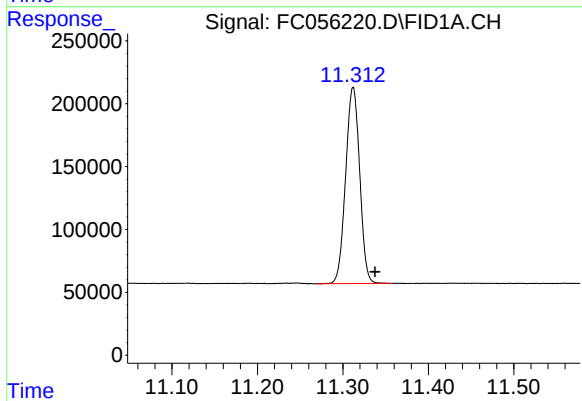
#6 n-Tetradecane (C14)

R.T.: 8.271 min
Delta R.T.: -0.022 min
Response: 1856448
Conc: 16.78 ug/ml



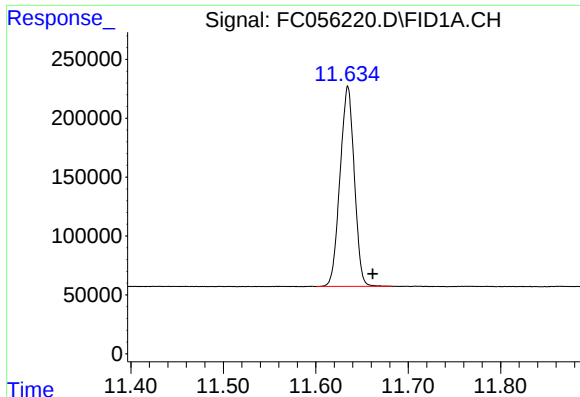
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: -0.022 min
Response: 1803771
Conc: 16.30 ug/ml



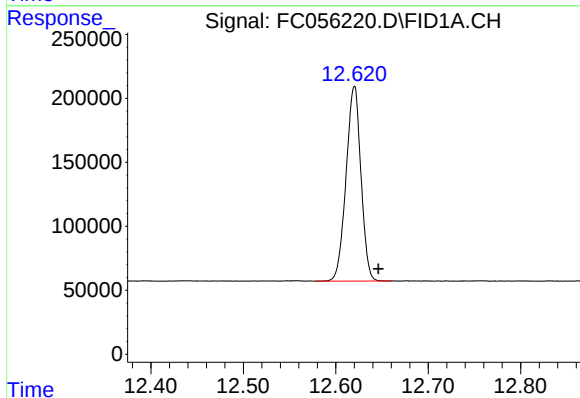
#8 n-Octadecane (C18)

R.T.: 11.312 min
Delta R.T.: -0.026 min
Response: 1785832
Conc: 15.96 ug/ml



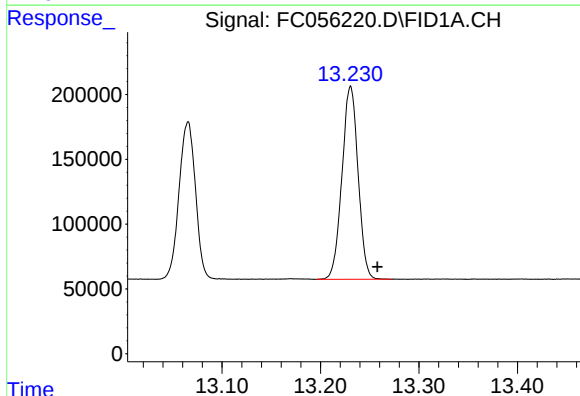
#9 ortho-Terphenyl (SURR)

R.T.: 11.635 min
Delta R.T.: -0.027 min
Response: 1823885
Conc: 15.37 ug/ml



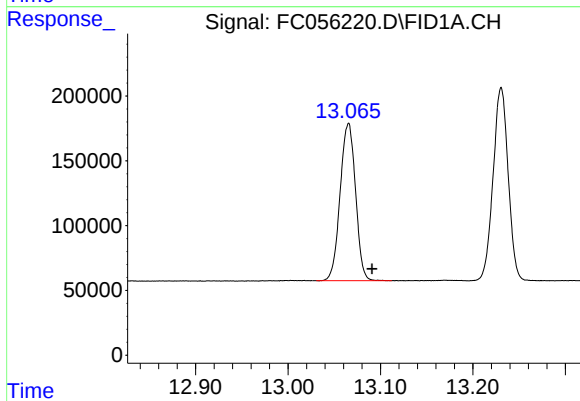
#10 n-Eicosane (C20)

R.T.: 12.620 min
Delta R.T.: -0.026 min
Response: 1703040
Conc: 15.59 ug/ml



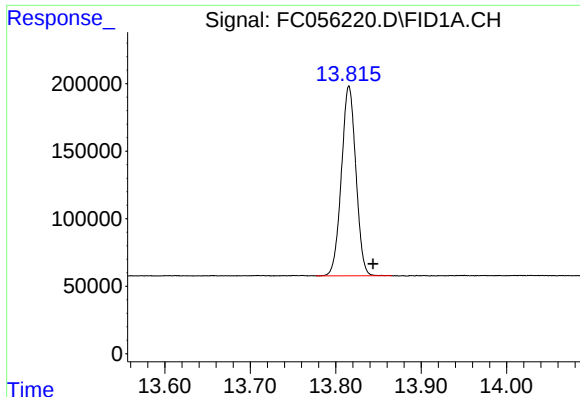
#11 n-Heneicosane (C21)

R.T.: 13.231 min
Delta R.T.: -0.027 min
Response: 1691832
Conc: 15.56 ug/ml



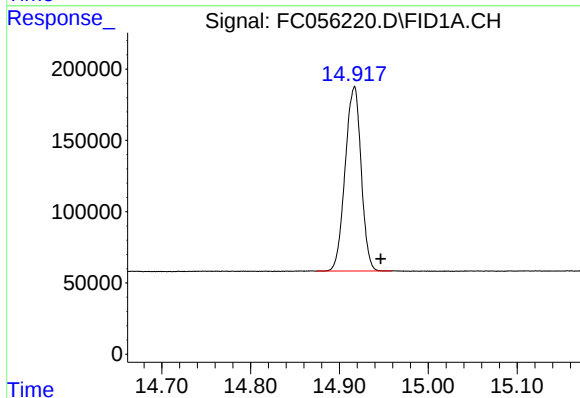
#12 1-chlorooctadecane (SURR)

R.T.: 13.065 min
Delta R.T.: -0.026 min
Response: 1407455
Conc: 15.32 ug/ml



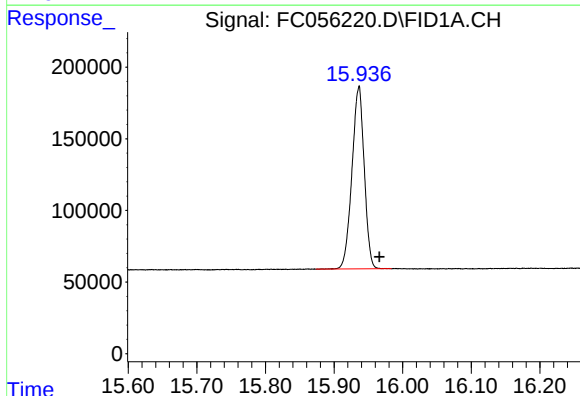
#13 n-Docosane (C22)

R.T.: 13.816 min
Delta R.T.: -0.028 min
Response: 1652701
Conc: 15.47 ug/ml



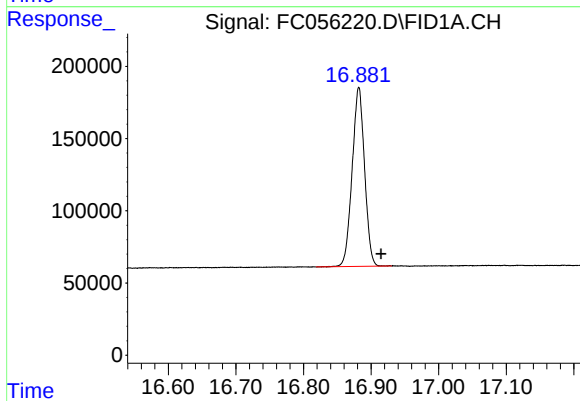
#14 n-Tetracosane (C24)

R.T.: 14.916 min
Delta R.T.: -0.030 min
Response: 1620121
Conc: 15.49 ug/ml



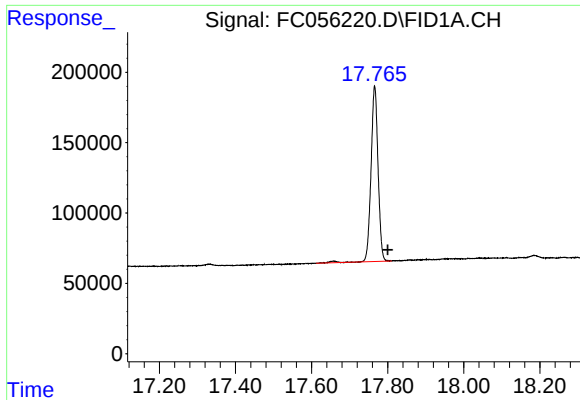
#15 n-Hexacosane (C26)

R.T.: 15.936 min
Delta R.T.: -0.030 min
Response: 1583642
Conc: 15.76 ug/ml



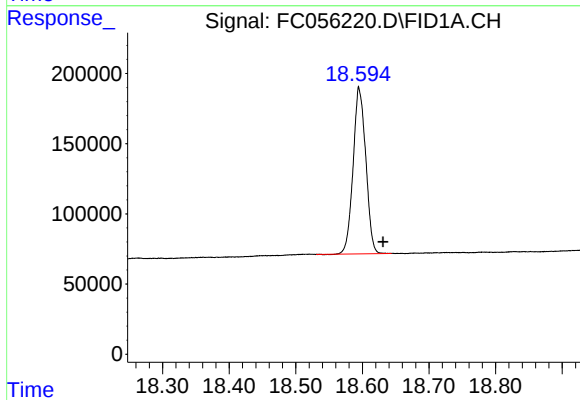
#16 n-Octacosane (C28)

R.T.: 16.882 min
Delta R.T.: -0.033 min
Response: 1579343
Conc: 16.33 ug/ml



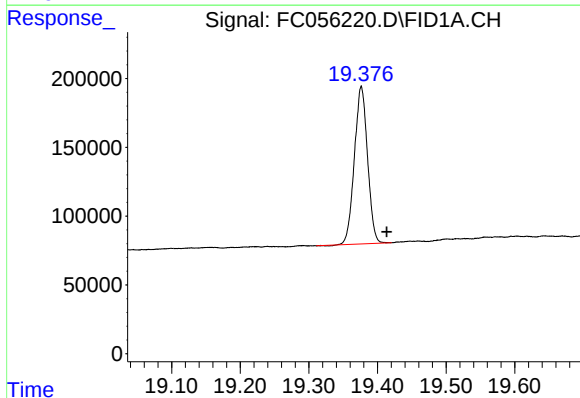
#17 n-Tricontane (C30)

R.T.: 17.766 min
Delta R.T.: -0.034 min
Response: 1596558
Conc: 17.21 ug/ml



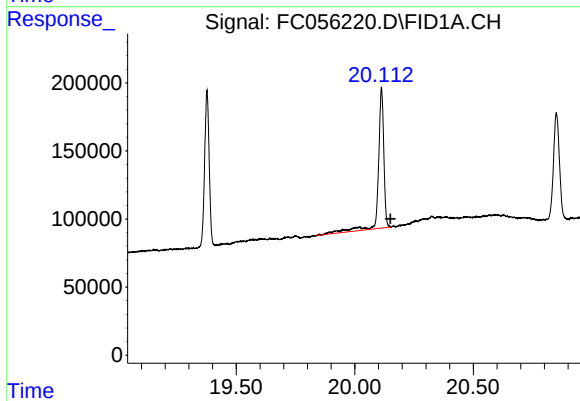
#18 n-Dotriacontane (C32)

R.T.: 18.596 min
Delta R.T.: -0.035 min
Response: 1563709
Conc: 17.59 ug/ml



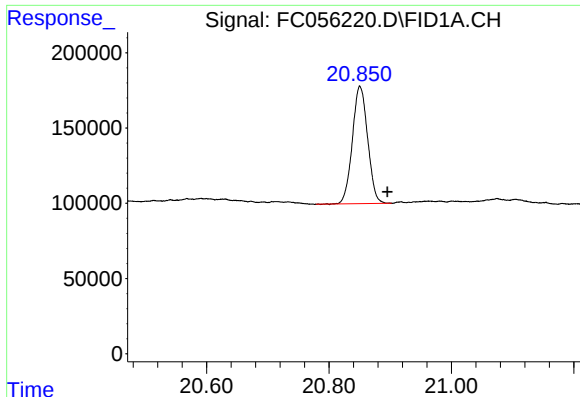
#19 n-Tetratriacontane (C34)

R.T.: 19.376 min
Delta R.T.: -0.037 min
Response: 1520997
Conc: 17.59 ug/ml



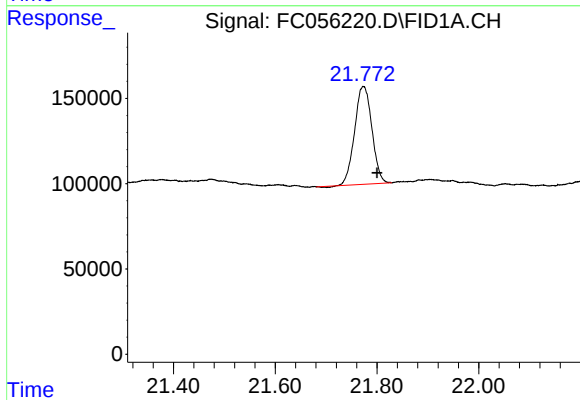
#20 n-Hexatriacontane (C36)

R.T.: 20.113 min
Delta R.T.: -0.038 min
Response: 1649328
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.851 min
Delta R.T.: -0.045 min
Response: 1352597
Conc: 16.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.773 min
Delta R.T.: -0.027 min
Response: 1348887
Conc: 16.83 ug/ml