

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101421AL\
 Data File : FC056186.D
 Signal(s) : FID1A.CH
 Acq On : 15 Oct 2021 2:15
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 02:44:57 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)	11.633	2115339	17.827 ug/ml
Spiked Amount 50.000		Recovery =	35.65%
12) S 1-chlorooctadecane (S...	13.065	1635696	17.804 ug/ml
Spiked Amount 50.000		Recovery =	35.61%
Target Compounds			
1) T n-Nonane (C9)	3.384	2221333	20.816 ug/ml
2) T n-Decane (C10)	4.454	2231975	20.880 ug/ml
3) T A~Naphthalene (C11.7)	6.048	2390810	19.870 ug/ml
4) T n-Dodecane (C12)	6.475	2199976	20.269 ug/ml
5) T A~2-methylnaphthalene...	7.106	2357109	19.404 ug/mlm
6) T n-Tetradecane (C14)	8.271	2143215	19.372 ug/ml
7) T n-Hexadecane (C16)	9.871	2068713	18.689 ug/ml
8) T n-Octadecane (C18)	11.312	2051904	18.333 ug/ml
10) T n-Eicosane (C20)	12.620	1972319	18.057 ug/ml
11) T n-Heneicosane (C21)	13.231	1959600	18.024 ug/ml
13) T n-Docosane (C22)	13.816	1920258	17.980 ug/ml
14) T n-Tetracosane (C24)	14.917	1911643	18.281 ug/ml
15) T n-Hexacosane (C26)	15.935	1884758	18.759 ug/ml
16) T n-Octacosane (C28)	16.882	1898297	19.625 ug/ml
17) T n-Tricontane (C30)	17.767	1936433	20.870 ug/ml
18) T n-Dotriacontane (C32)	18.595	1924728	21.649 ug/ml
19) T n-Tetratriacontane (C34)	19.377	1881541	21.755 ug/ml
20) T n-Hexatriacontane (C36)	20.112	1739084	21.286 ug/ml
21) T n-Octatriacontane (C38)	20.852	1605766	20.151 ug/ml
22) T n-Tetracontane (C40)	21.773	1601785	19.982 ug/ml

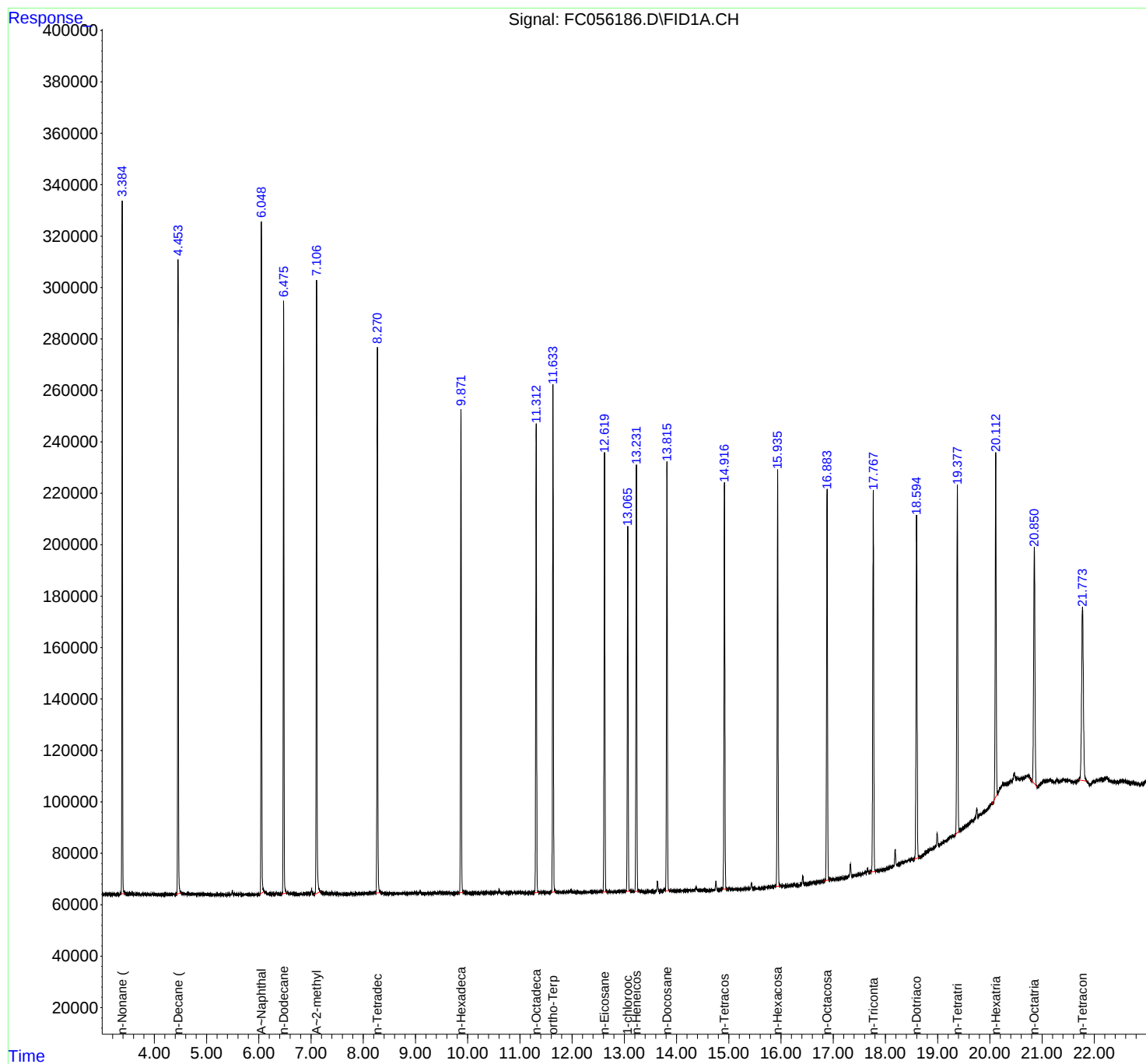
(f)=RT Delta > 1/2 Window

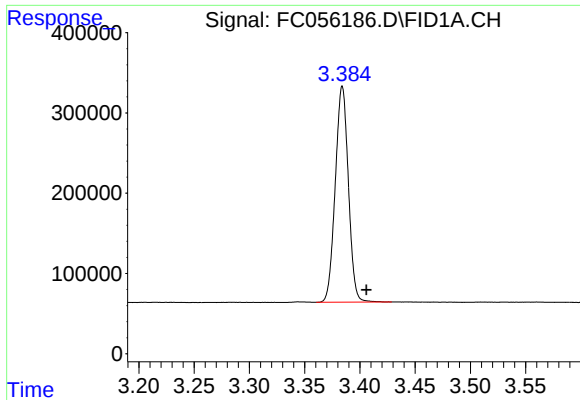
(m)=manual int.

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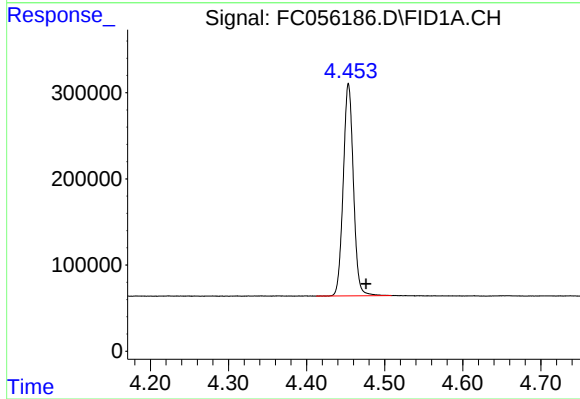
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





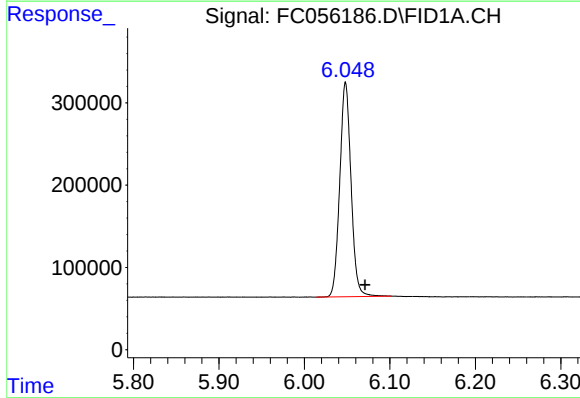
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: -0.022 min
Response: 2221333
Conc: 20.82 ug/ml



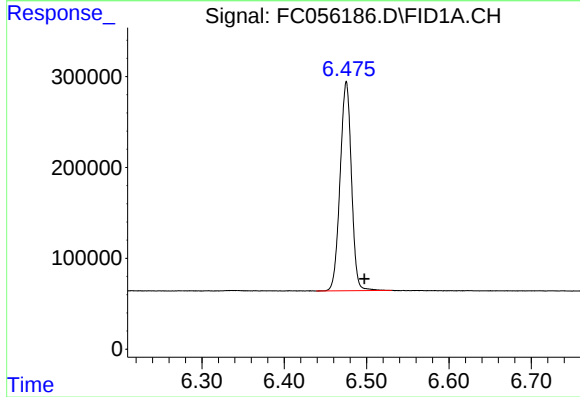
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: -0.022 min
Response: 2231975
Conc: 20.88 ug/ml



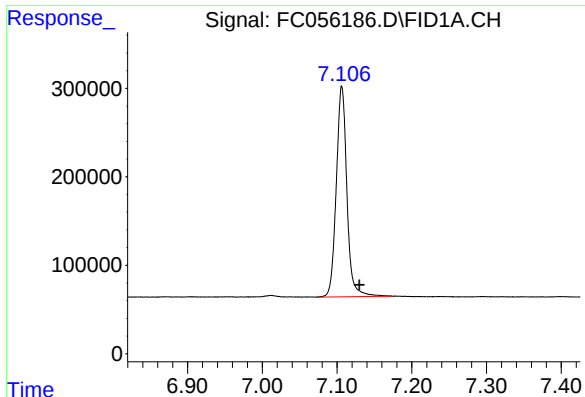
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: -0.023 min
Response: 2390810
Conc: 19.87 ug/ml



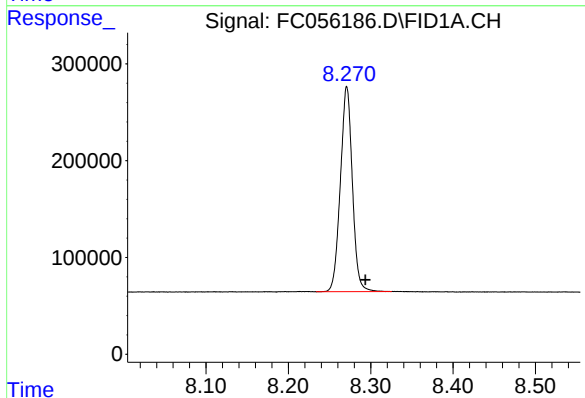
#4 n-Dodecane (C12)

R.T.: 6.475 min
Delta R.T.: -0.022 min
Response: 2199976
Conc: 20.27 ug/ml



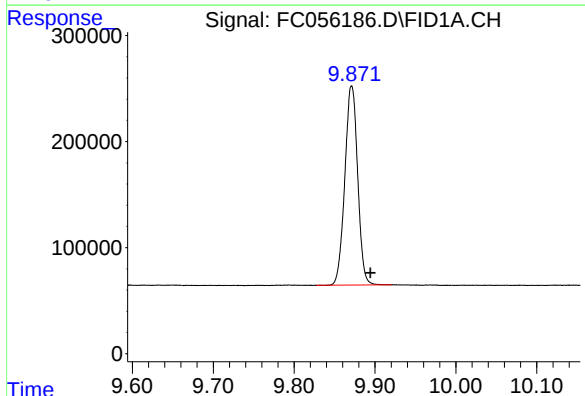
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: -0.024 min
Response: 2357109
Conc: 19.40 ug/ml m



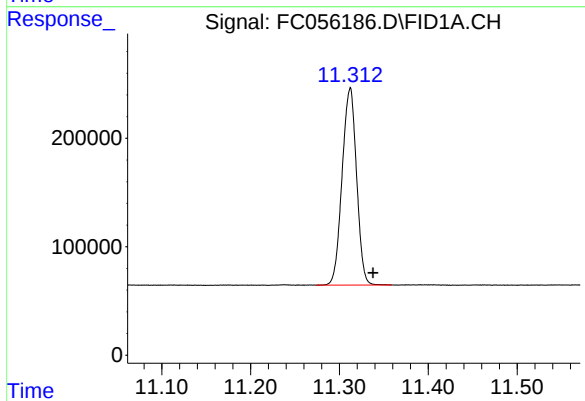
#6 n-Tetradecane (C14)

R.T.: 8.271 min
Delta R.T.: -0.023 min
Response: 2143215
Conc: 19.37 ug/ml



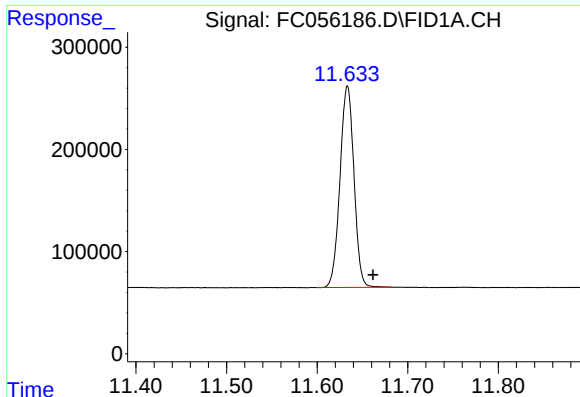
#7 n-Hexadecane (C16)

R.T.: 9.871 min
Delta R.T.: -0.023 min
Response: 2068713
Conc: 18.69 ug/ml



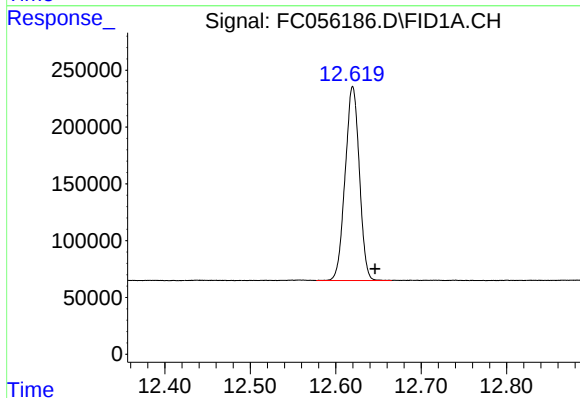
#8 n-Octadecane (C18)

R.T.: 11.312 min
Delta R.T.: -0.026 min
Response: 2051904
Conc: 18.33 ug/ml



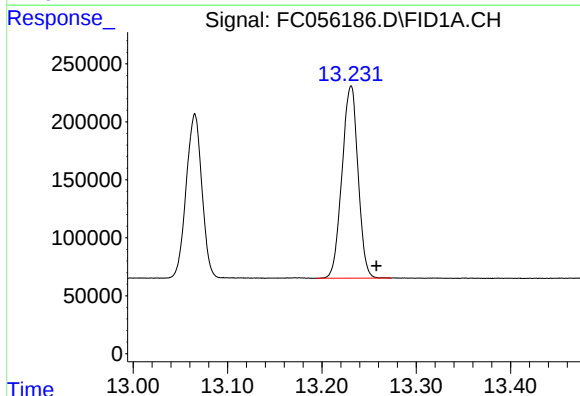
#9 ortho-Terphenyl (SURR)

R.T.: 11.633 min
Delta R.T.: -0.028 min
Response: 2115339
Conc: 17.83 ug/ml



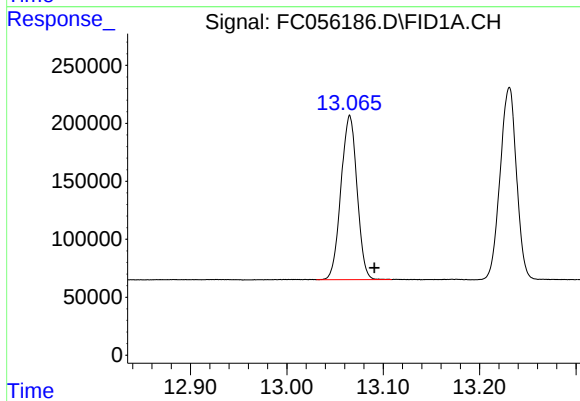
#10 n-Eicosane (C20)

R.T.: 12.620 min
Delta R.T.: -0.026 min
Response: 1972319
Conc: 18.06 ug/ml



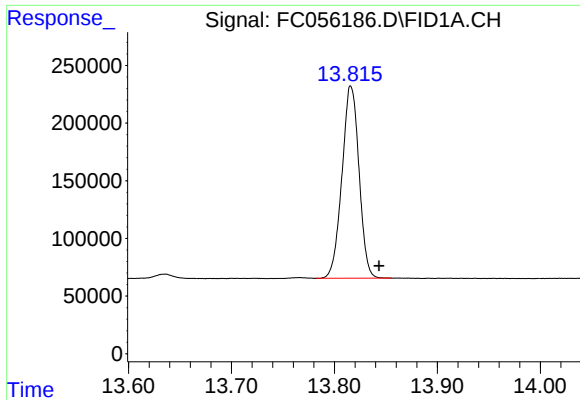
#11 n-Heneicosane (C21)

R.T.: 13.231 min
Delta R.T.: -0.027 min
Response: 1959600
Conc: 18.02 ug/ml



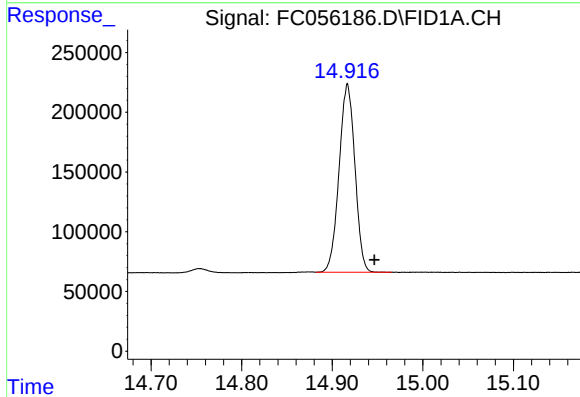
#12 1-chlorooctadecane (SURR)

R.T.: 13.065 min
Delta R.T.: -0.026 min
Response: 1635696
Conc: 17.80 ug/ml



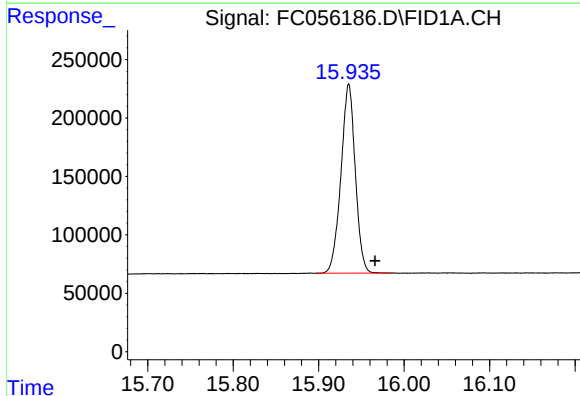
#13 n-Docosane (C22)

R.T.: 13.816 min
Delta R.T.: -0.027 min
Response: 1920258
Conc: 17.98 ug/ml



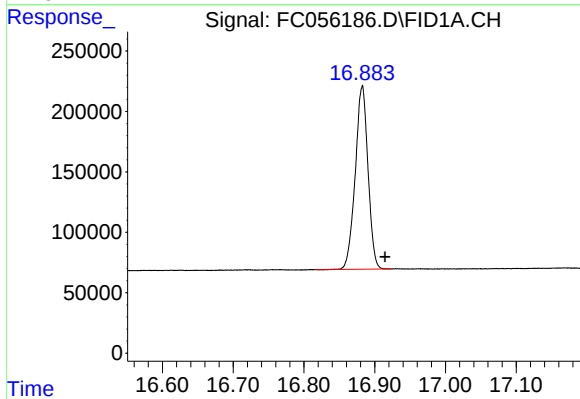
#14 n-Tetracosane (C24)

R.T.: 14.917 min
Delta R.T.: -0.030 min
Response: 1911643
Conc: 18.28 ug/ml



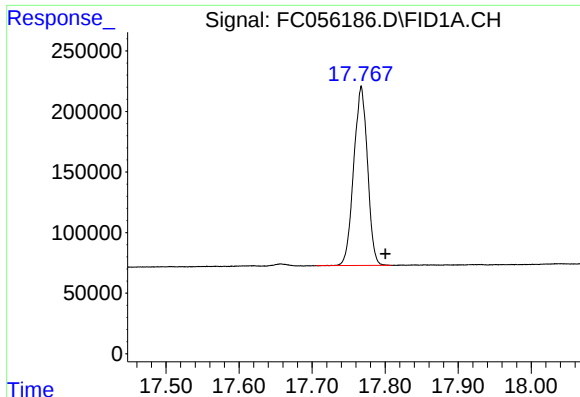
#15 n-Hexacosane (C26)

R.T.: 15.935 min
Delta R.T.: -0.031 min
Response: 1884758
Conc: 18.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.882 min
Delta R.T.: -0.032 min
Response: 1898297
Conc: 19.62 ug/ml



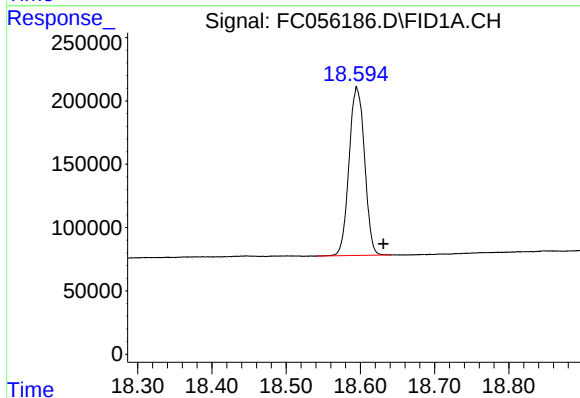
#17 n-Tricontane (C30)

R.T.: 17.767 min

Delta R.T.: -0.033 min

Response: 1936433

Conc: 20.87 ug/ml



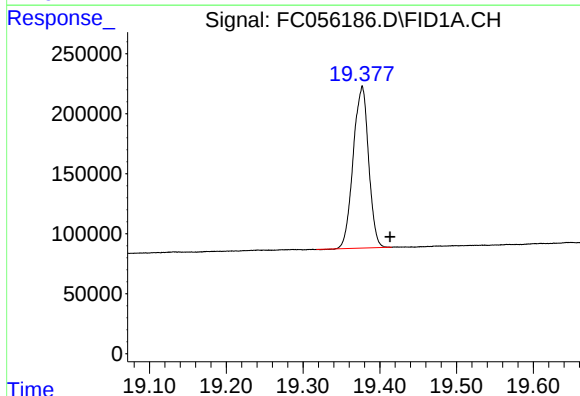
#18 n-Dotriacontane (C32)

R.T.: 18.595 min

Delta R.T.: -0.035 min

Response: 1924728

Conc: 21.65 ug/ml



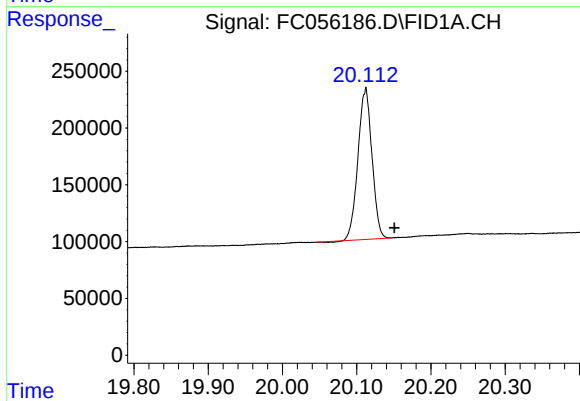
#19 n-Tetratriacontane (C34)

R.T.: 19.377 min

Delta R.T.: -0.037 min

Response: 1881541

Conc: 21.75 ug/ml



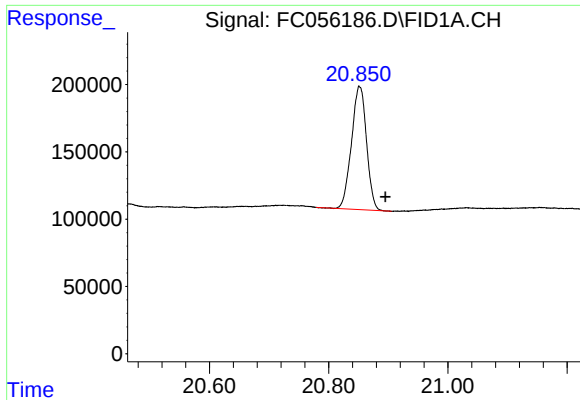
#20 n-Hexatriacontane (C36)

R.T.: 20.112 min

Delta R.T.: -0.039 min

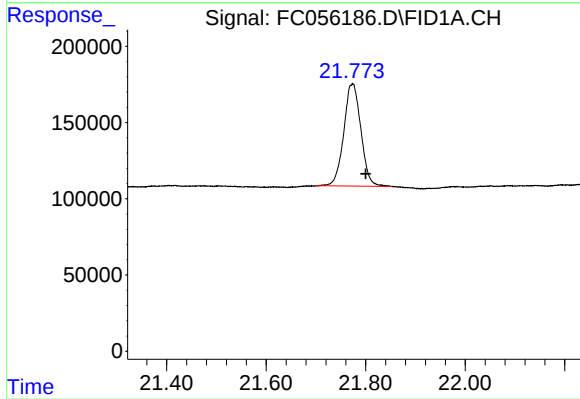
Response: 1739084

Conc: 21.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.852 min
Delta R.T.: -0.043 min
Response: 1605766
Conc: 20.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.773 min
Delta R.T.: -0.027 min
Response: 1601785
Conc: 19.98 ug/ml