

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101821AL\
 Data File : FC056257.D
 Signal(s) : FID1A.CH
 Acq On : 19 Oct 2021 14:02
 Operator : AJ\MA
 Sample : M4132-01MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 20 00:19:41 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			
12) S 1-chlorooctadecane (S...	13.062	2690936	29.290 ug/ml
Spiked Amount 50.000		Recovery =	58.58%
Target Compounds			
1) T n-Nonane (C9)	3.385	2123450	19.899 ug/ml
2) T n-Decane (C10)	4.453	2578183	24.119 ug/ml
4) T n-Dodecane (C12)	6.473	3162232	29.134 ug/ml
6) T n-Tetradecane (C14)	8.268	3685654	33.314 ug/ml
7) T n-Hexadecane (C16)	9.869	3940052	35.595 ug/ml
8) T n-Octadecane (C18)	11.310	4048938	36.177 ug/ml
10) T n-Eicosane (C20)	12.617	3820416	34.977 ug/ml
11) T n-Heneicosane (C21)	13.228	3754972	34.537 ug/ml
13) T n-Docosane (C22)	13.814	3692777	34.577 ug/ml
14) T n-Tetracosane (C24)	14.914	3554949	33.996 ug/ml
15) T n-Hexacosane (C26)	15.932	3502221	34.857 ug/ml
16) T n-Octacosane (C28)	16.879	3618772	37.411 ug/ml
17) T n-Tricontane (C30)	17.764	3723441	40.130 ug/ml
18) T n-Dotriacontane (C32)	18.593	3439757	38.689 ug/ml
19) T n-Tetratriacontane (C34)	19.373	3357724	38.823 ug/mlm
20) T n-Hexatriacontane (C36)	20.108	3002605	36.751 ug/mlm
21) T n-Octatriacontane (C38)	20.847	2867226	35.981 ug/ml
22) T n-Tetracontane (C40)	21.769	2969505	37.044 ug/ml

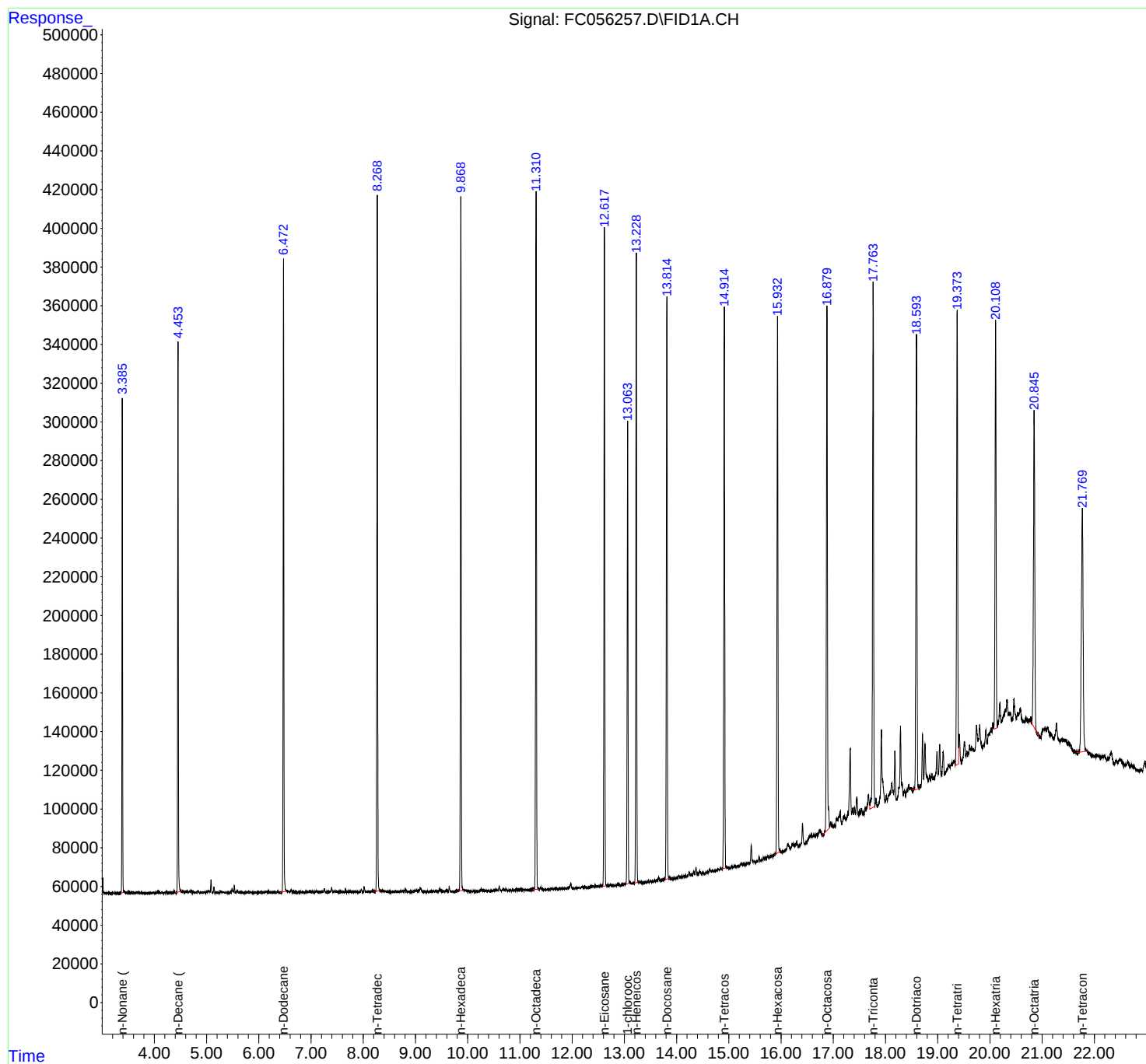
(f)=RT Delta > 1/2 Window

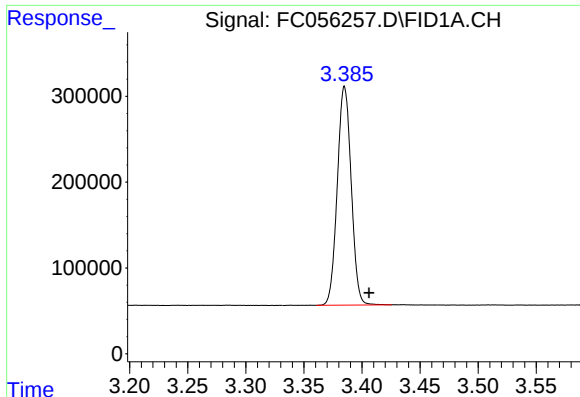
(m)=manual int.

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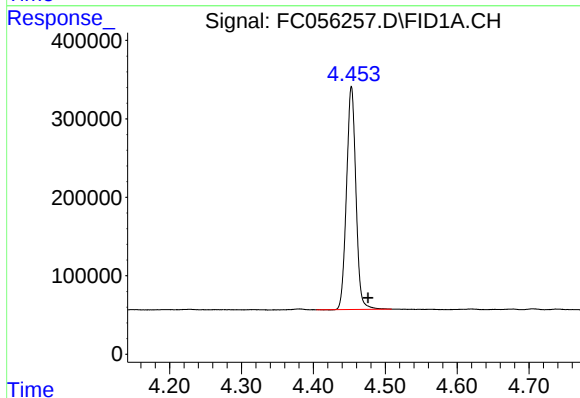
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





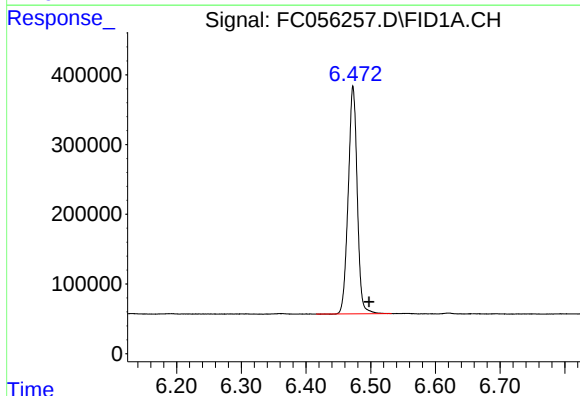
#1 n-Nonane (C9)

R.T.: 3.385 min
Delta R.T.: -0.021 min
Response: 2123450
Conc: 19.90 ug/ml



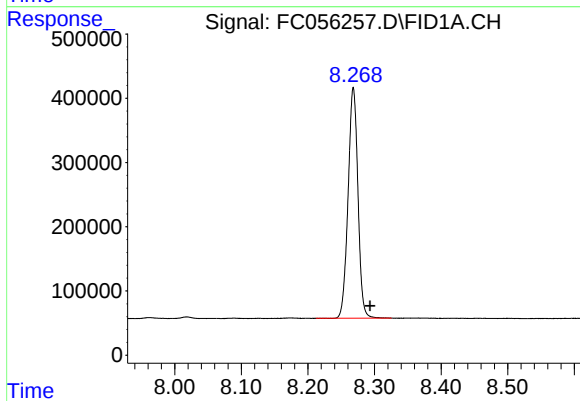
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.023 min
Response: 2578183
Conc: 24.12 ug/ml



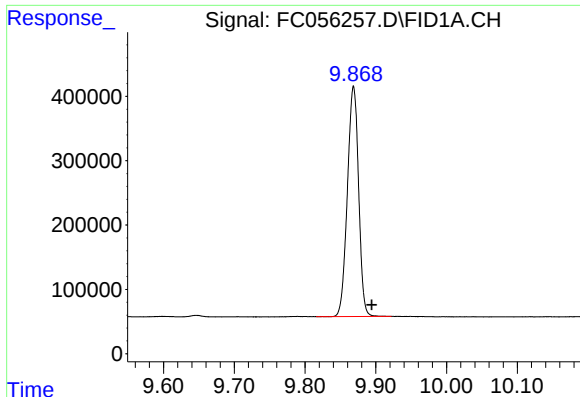
#4 n-Dodecane (C12)

R.T.: 6.473 min
Delta R.T.: -0.025 min
Response: 3162232
Conc: 29.13 ug/ml



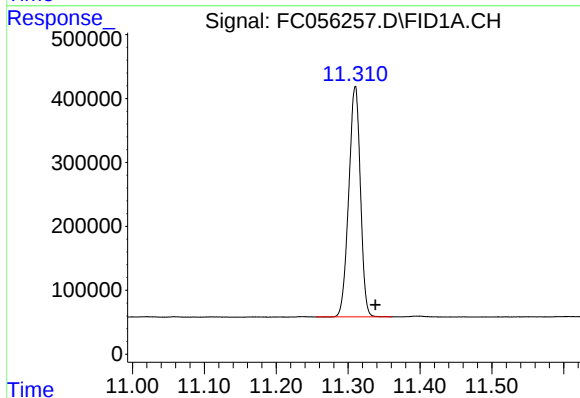
#6 n-Tetradecane (C14)

R.T.: 8.268 min
Delta R.T.: -0.025 min
Response: 3685654
Conc: 33.31 ug/ml



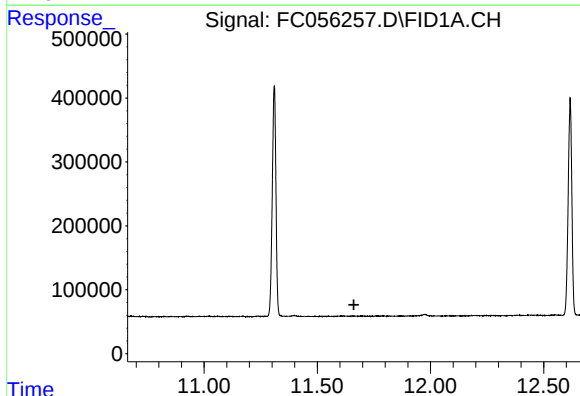
#7 n-Hexadecane (C16)

R.T.: 9.869 min
Delta R.T.: -0.026 min
Response: 3940052
Conc: 35.59 ug/ml



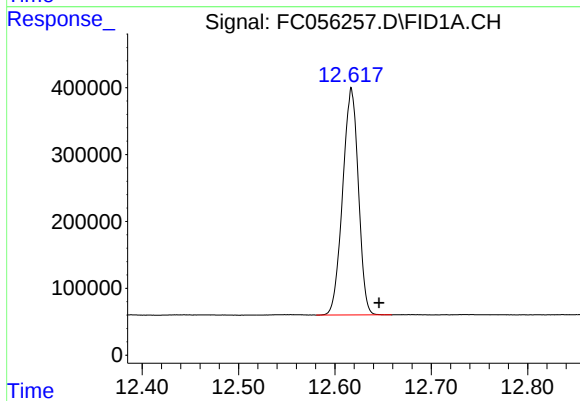
#8 n-Octadecane (C18)

R.T.: 11.310 min
Delta R.T.: -0.028 min
Response: 4048938
Conc: 36.18 ug/ml



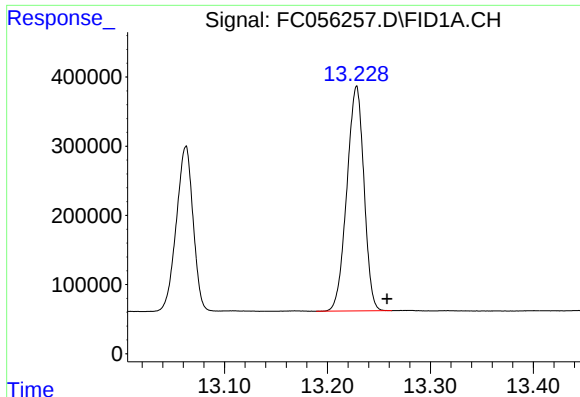
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.662 min
Response: 0
Conc: N.D.



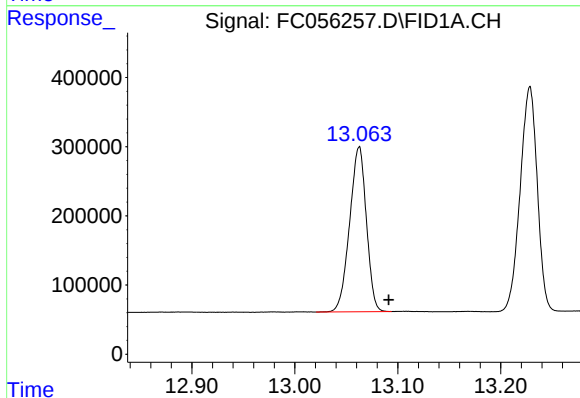
#10 n-Eicosane (C20)

R.T.: 12.617 min
Delta R.T.: -0.029 min
Response: 3820416
Conc: 34.98 ug/ml



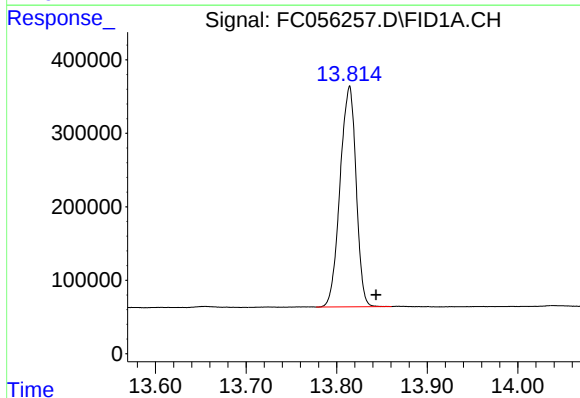
#11 n-Heneicosane (C21)

R.T.: 13.228 min
Delta R.T.: -0.030 min
Response: 3754972
Conc: 34.54 ug/ml



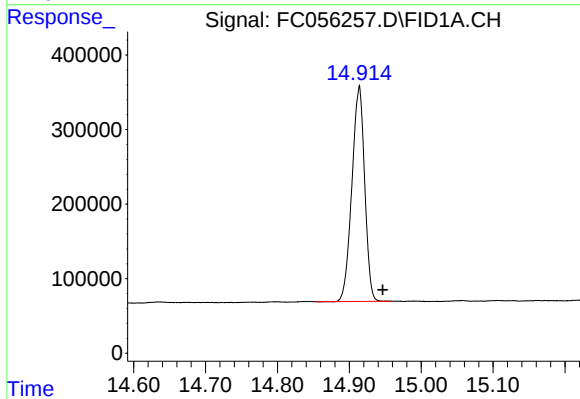
#12 1-chlorooctadecane (SURR)

R.T.: 13.062 min
Delta R.T.: -0.029 min
Response: 2690936
Conc: 29.29 ug/ml



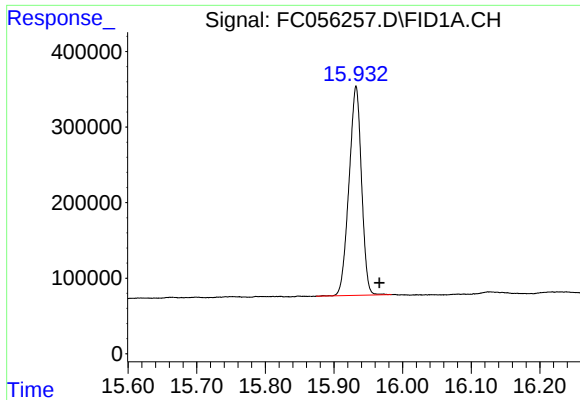
#13 n-Docosane (C22)

R.T.: 13.814 min
Delta R.T.: -0.030 min
Response: 3692777
Conc: 34.58 ug/ml



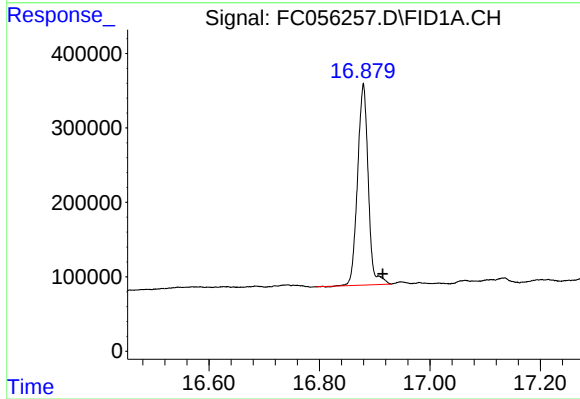
#14 n-Tetracosane (C24)

R.T.: 14.914 min
Delta R.T.: -0.033 min
Response: 3554949
Conc: 34.00 ug/ml



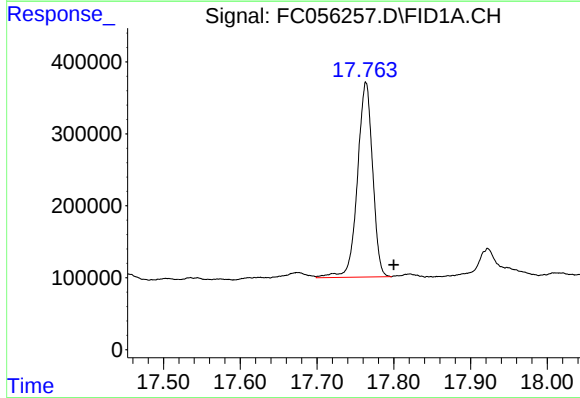
#15 n-Hexacosane (C26)

R.T.: 15.932 min
Delta R.T.: -0.034 min
Response: 3502221
Conc: 34.86 ug/ml



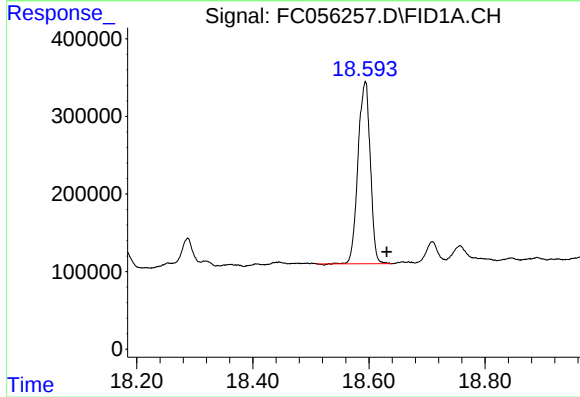
#16 n-Octacosane (C28)

R.T.: 16.879 min
Delta R.T.: -0.035 min
Response: 3618772
Conc: 37.41 ug/ml



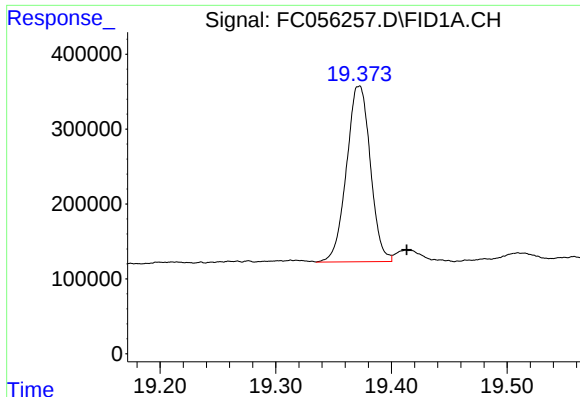
#17 n-Tricontane (C30)

R.T.: 17.764 min
Delta R.T.: -0.037 min
Response: 3723441
Conc: 40.13 ug/ml



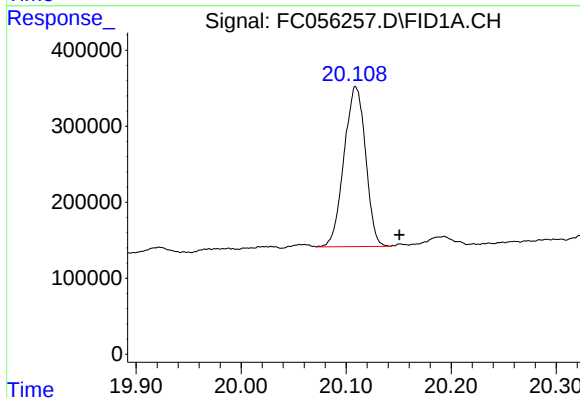
#18 n-Dotriacontane (C32)

R.T.: 18.593 min
Delta R.T.: -0.038 min
Response: 3439757
Conc: 38.69 ug/ml



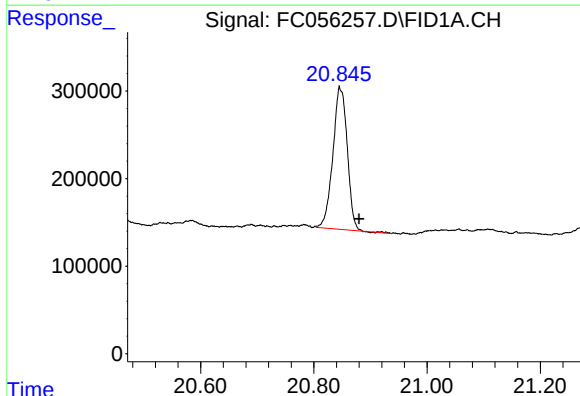
#19 n-Tetratriacontane (C34)

R.T.: 19.373 min
Delta R.T.: -0.041 min
Response: 3357724
Conc: 38.82 ug/ml m



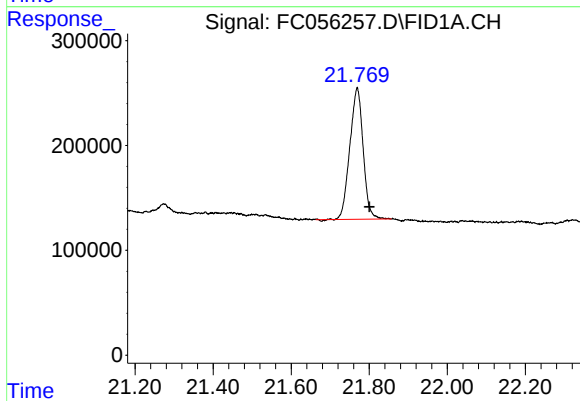
#20 n-Hexatriacontane (C36)

R.T.: 20.108 min
Delta R.T.: -0.042 min
Response: 3002605
Conc: 36.75 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.847 min
Delta R.T.: -0.033 min
Response: 2867226
Conc: 35.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.769 min
Delta R.T.: -0.031 min
Response: 2969505
Conc: 37.04 ug/ml