

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032322AL\
 Data File : FC058865.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2022 9:24
 Operator : UA/NP
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 23 11:41:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032322.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 11:34:07 2022
 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)	11.398	6794037	49.360 ug/ml
Spiked Amount 50.000		Recovery =	98.72%
12) S 1-chlorooctadecane (S...	12.827	5162755	49.960 ug/ml
Spiked Amount 50.000		Recovery =	99.92%
Target Compounds			
1) T n-Nonane (C9)	3.255	5491914	49.968 ug/ml
2) T n-Decane (C10)	4.304	5455347	49.771 ug/ml
3) T A~Naphthalene (C11.7)	5.867	5914264	50.339 ug/ml
4) T n-Dodecane (C12)	6.297	5702429	49.668 ug/ml
5) T A~2-methylnaphthalene...	6.913	5909375	51.488 ug/ml
6) T n-Tetradecane (C14)	8.073	5778849	49.590 ug/ml
7) T n-Hexadecane (C16)	9.659	5962317	49.626 ug/ml
8) T n-Octadecane (C18)	11.089	6243419	49.867 ug/ml
10) T n-Eicosane (C20)	12.387	6231947	49.406 ug/ml
11) T n-Heneicosane (C21)	12.995	6301144	49.546 ug/ml
13) T n-Docosane (C22)	13.577	6254019	49.288 ug/ml
14) T n-Tetracosane (C24)	14.672	6182099	49.394 ug/ml
15) T n-Hexacosane (C26)	15.685	5969460	49.610 ug/ml
16) T n-Octacosane (C28)	16.629	5649741	49.544 ug/ml
17) T n-Tricontane (C30)	17.511	5245775	49.813 ug/ml
18) T n-Dotriacontane (C32)	18.338	4691857	50.016 ug/ml
19) T n-Tetratriacontane (C34)	19.118	4195717	50.185 ug/ml
20) T n-Hexatriacontane (C36)	19.853	3818728	51.266 ug/ml
21) T n-Octatriacontane (C38)	20.556	3503723	54.081 ug/ml
22) T n-Tetracontane (C40)	21.378	3049188	59.692 ug/ml

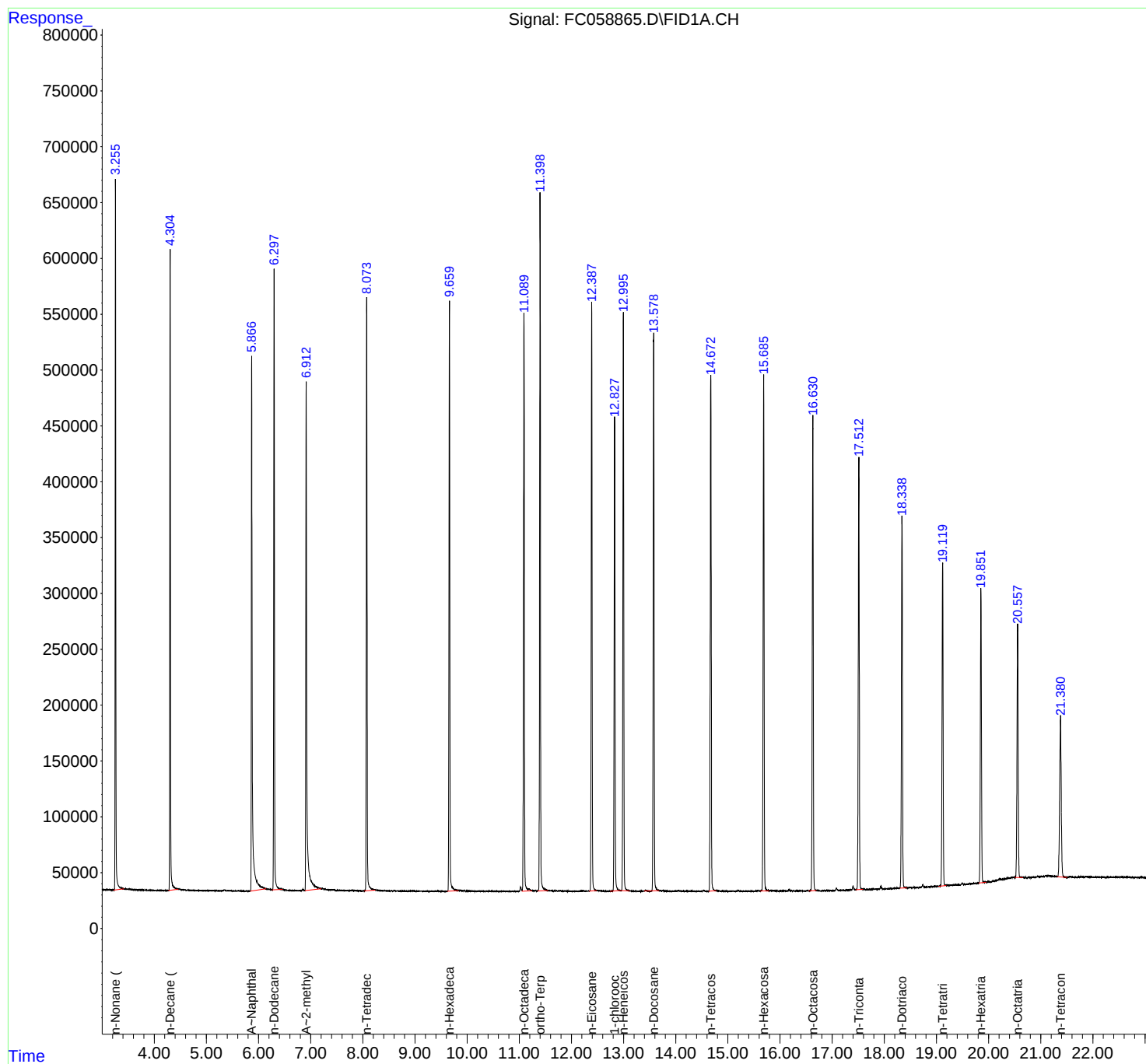
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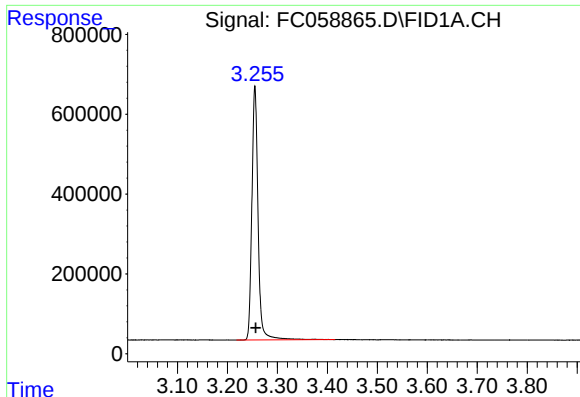
(m)=manual int.

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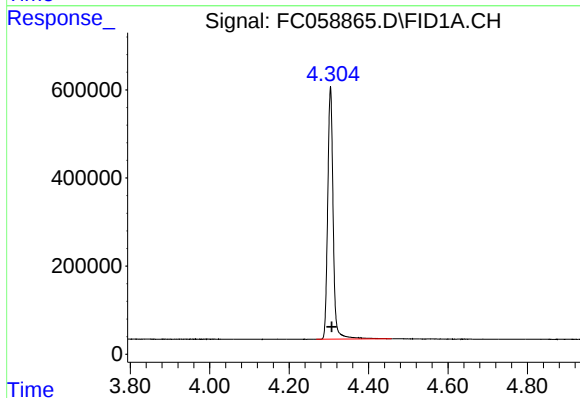
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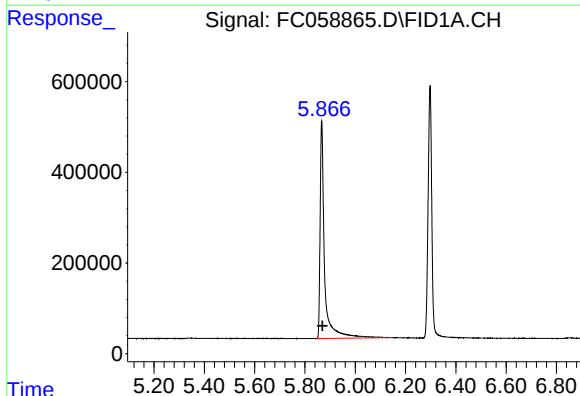
#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: -0.002 min
Response: 5491914
Conc: 49.97 ug/ml



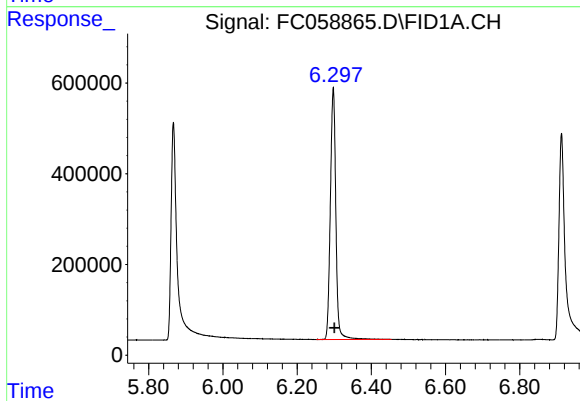
#2 n-Decane (C10)

R.T.: 4.304 min
Delta R.T.: -0.003 min
Response: 5455347
Conc: 49.77 ug/ml



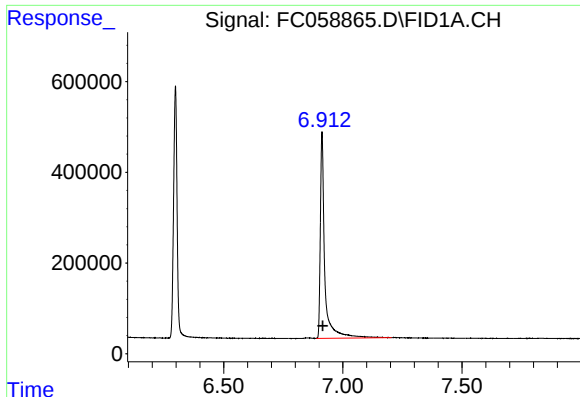
#3 A~Naphthalene (C11.7)

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 5914264
Conc: 50.34 ug/ml



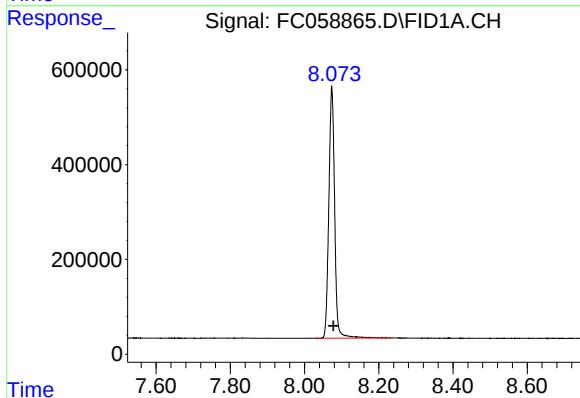
#4 n-Dodecane (C12)

R.T.: 6.297 min
Delta R.T.: -0.004 min
Response: 5702429
Conc: 49.67 ug/ml



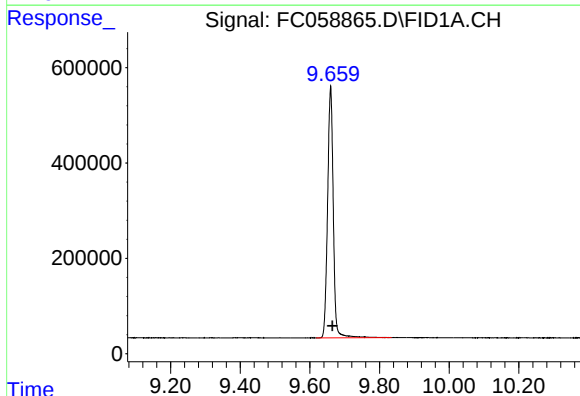
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.002 min
Response: 5909375
Conc: 51.49 ug/ml



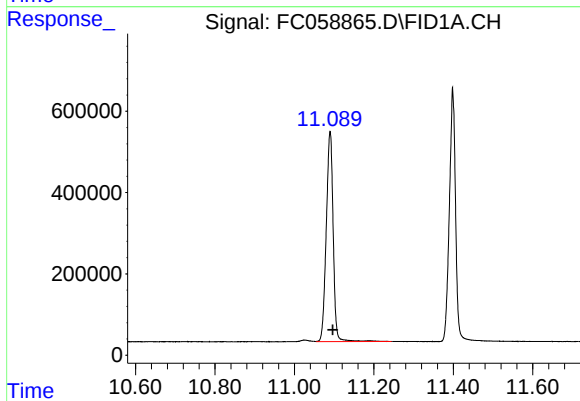
#6 n-Tetradecane (C14)

R.T.: 8.073 min
Delta R.T.: -0.005 min
Response: 5778849
Conc: 49.59 ug/ml



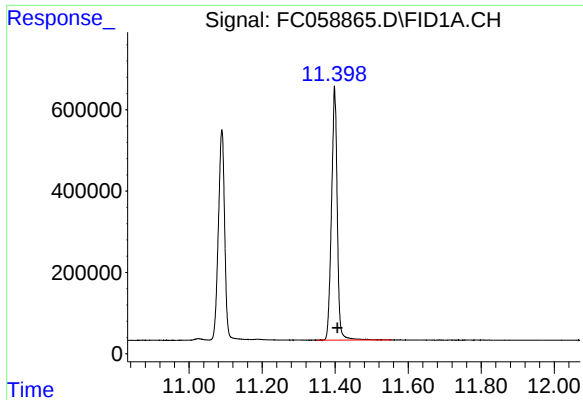
#7 n-Hexadecane (C16)

R.T.: 9.659 min
Delta R.T.: -0.005 min
Response: 5962317
Conc: 49.63 ug/ml



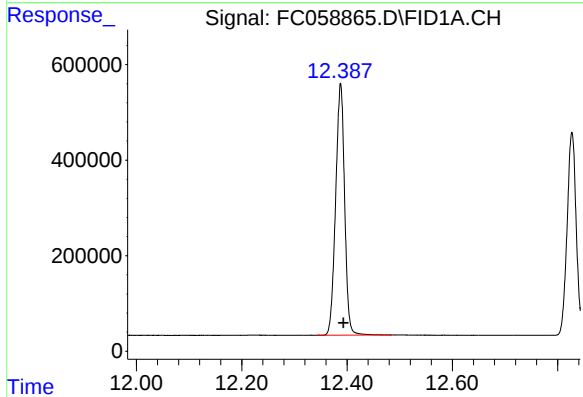
#8 n-Octadecane (C18)

R.T.: 11.089 min
Delta R.T.: -0.007 min
Response: 6243419
Conc: 49.87 ug/ml



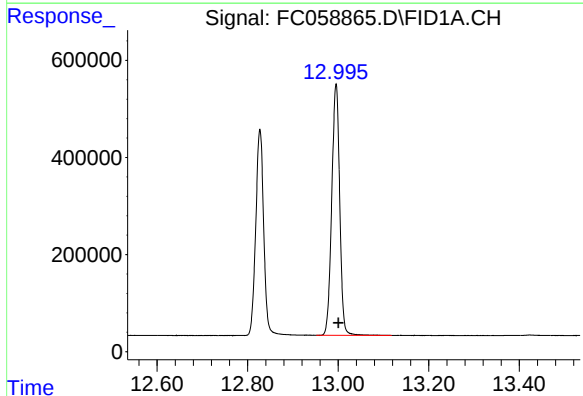
#9 ortho-Terphenyl (SURR)

R.T.: 11.398 min
Delta R.T.: -0.007 min
Response: 6794037
Conc: 49.36 ug/ml



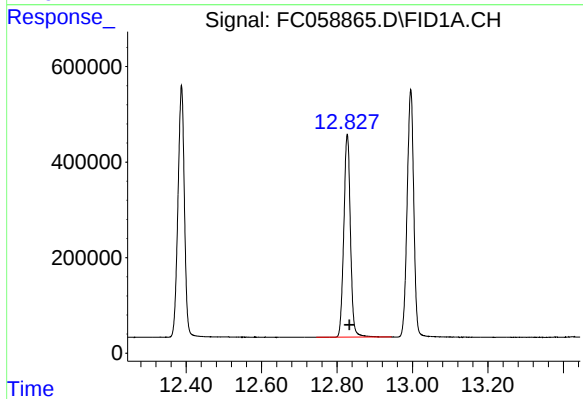
#10 n-Eicosane (C20)

R.T.: 12.387 min
Delta R.T.: -0.006 min
Response: 6231947
Conc: 49.41 ug/ml



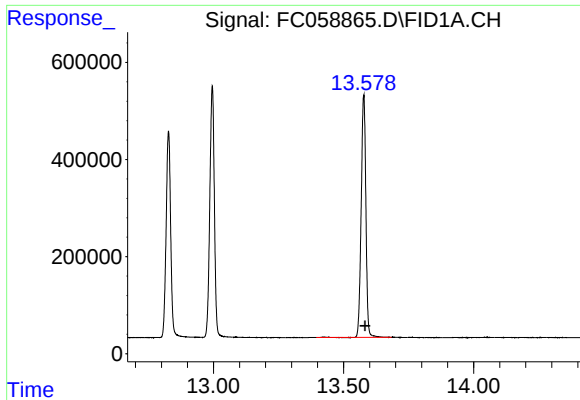
#11 n-Heneicosane (C21)

R.T.: 12.995 min
Delta R.T.: -0.005 min
Response: 6301144
Conc: 49.55 ug/ml



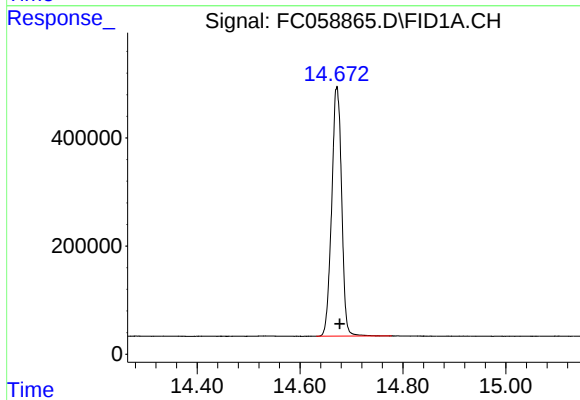
#12 1-chlorooctadecane (SURR)

R.T.: 12.827 min
Delta R.T.: -0.006 min
Response: 5162755
Conc: 49.96 ug/ml



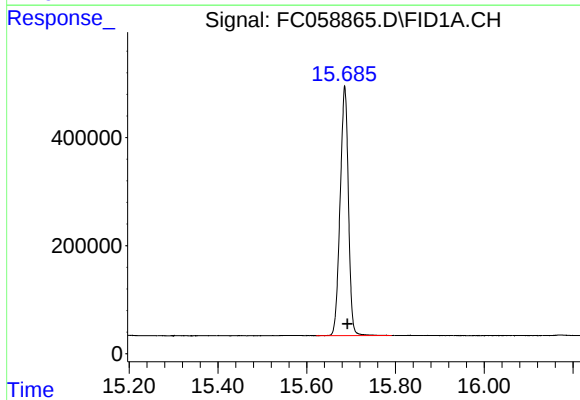
#13 n-Docosane (C22)

R.T.: 13.577 min
Delta R.T.: -0.006 min
Response: 6254019
Conc: 49.29 ug/ml



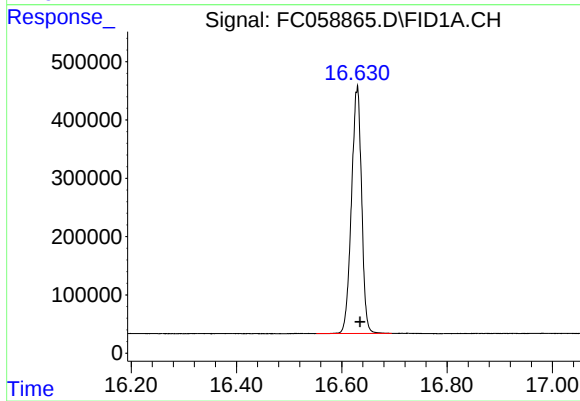
#14 n-Tetracosane (C24)

R.T.: 14.672 min
Delta R.T.: -0.005 min
Response: 6182099
Conc: 49.39 ug/ml



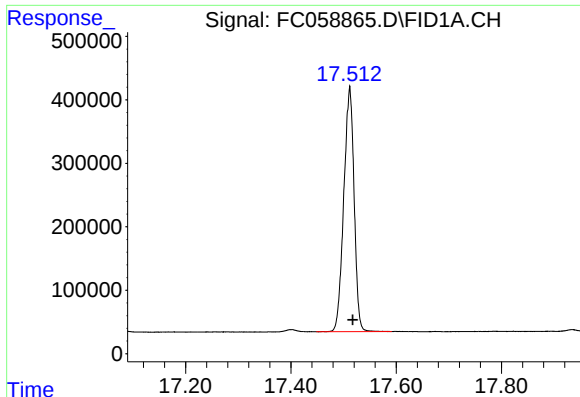
#15 n-Hexacosane (C26)

R.T.: 15.685 min
Delta R.T.: -0.006 min
Response: 5969460
Conc: 49.61 ug/ml



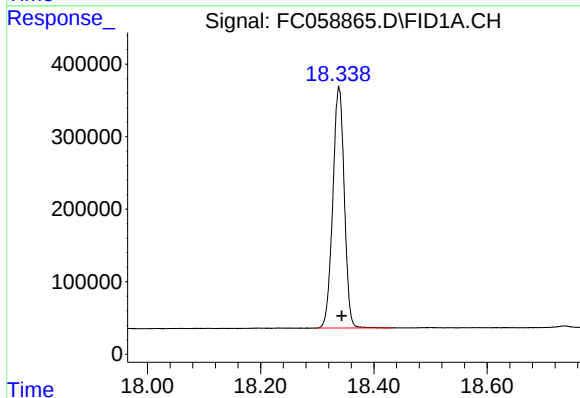
#16 n-Octacosane (C28)

R.T.: 16.629 min
Delta R.T.: -0.006 min
Response: 5649741
Conc: 49.54 ug/ml



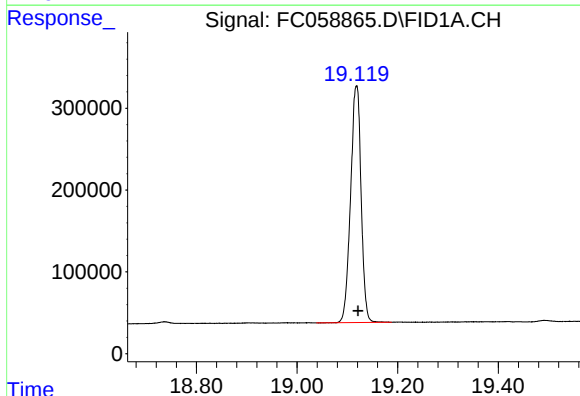
#17 n-Tricontane (C30)

R.T.: 17.511 min
Delta R.T.: -0.006 min
Response: 5245775
Conc: 49.81 ug/ml



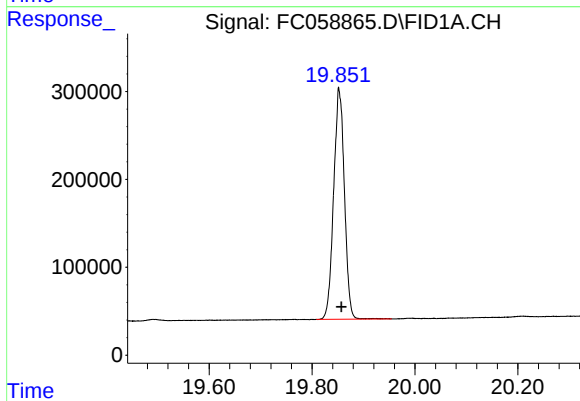
#18 n-Dotriacontane (C32)

R.T.: 18.338 min
Delta R.T.: -0.005 min
Response: 4691857
Conc: 50.02 ug/ml



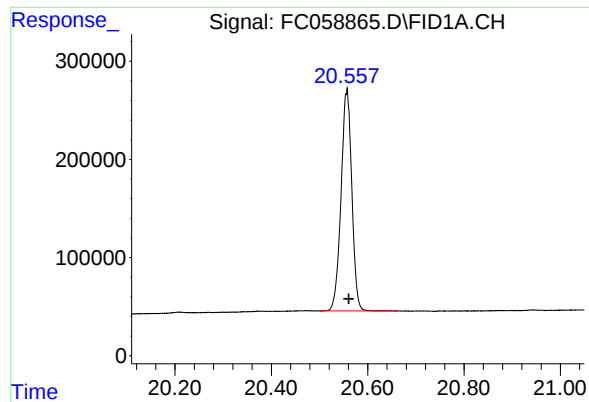
#19 n-Tetratriacontane (C34)

R.T.: 19.118 min
Delta R.T.: -0.004 min
Response: 4195717
Conc: 50.19 ug/ml



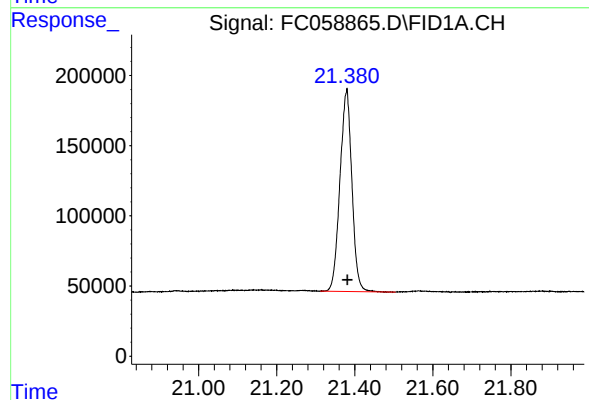
#20 n-Hexatriacontane (C36)

R.T.: 19.853 min
Delta R.T.: -0.004 min
Response: 3818728
Conc: 51.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.556 min
Delta R.T.: -0.004 min
Response: 3503723
Conc: 54.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.378 min
Delta R.T.: -0.003 min
Response: 3049188
Conc: 59.69 ug/ml