

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041522AL\
 Data File : FC059257.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2022 11:35
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 15 22:44:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.098	2908689	20.188 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
12) S 1-chlorooctadecane (S...	12.545	2259146	20.154 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
Target Compounds			
1) T n-Nonane (C9)	2.959	2656220	21.675 ug/ml
2) T n-Decane (C10)	4.002	2674575	21.825 ug/ml
3) T A~Naphthalene (C11.7)	5.551	2688005	21.409 ug/ml
4) T n-Dodecane (C12)	6.000	2772736	21.708 ug/ml
5) T A~2-methylnaphthalene...	6.598	2685980	20.952 ug/ml
6) T n-Tetradecane (C14)	7.782	2753726	21.179 ug/ml
7) T n-Hexadecane (C16)	9.373	2758231	20.771 ug/ml
8) T n-Octadecane (C18)	10.806	2721256	20.467 ug/ml
10) T n-Eicosane (C20)	12.108	2656899	20.278 ug/ml
11) T n-Heneicosane (C21)	12.717	2638184	20.219 ug/ml
13) T n-Docosane (C22)	13.300	2601747	20.084 ug/ml
14) T n-Tetracosane (C24)	14.396	2567178	20.322 ug/ml
15) T n-Hexacosane (C26)	15.412	2508049	20.763 ug/ml
16) T n-Octacosane (C28)	16.358	2524194	21.317 ug/ml
17) T n-Tricontane (C30)	17.241	2554224	22.390 ug/ml
18) T n-Dotriacontane (C32)	18.071	2475279	23.105 ug/ml
19) T n-Tetratriacontane (C34)	18.852	2325331	23.015 ug/ml
20) T n-Hexatriacontane (C36)	19.589	2164592	22.654 ug/ml
21) T n-Octatriacontane (C38)	20.288	2039548	22.164 ug/ml
22) T n-Tetracontane (C40)	21.029	2019479	21.729 ug/ml

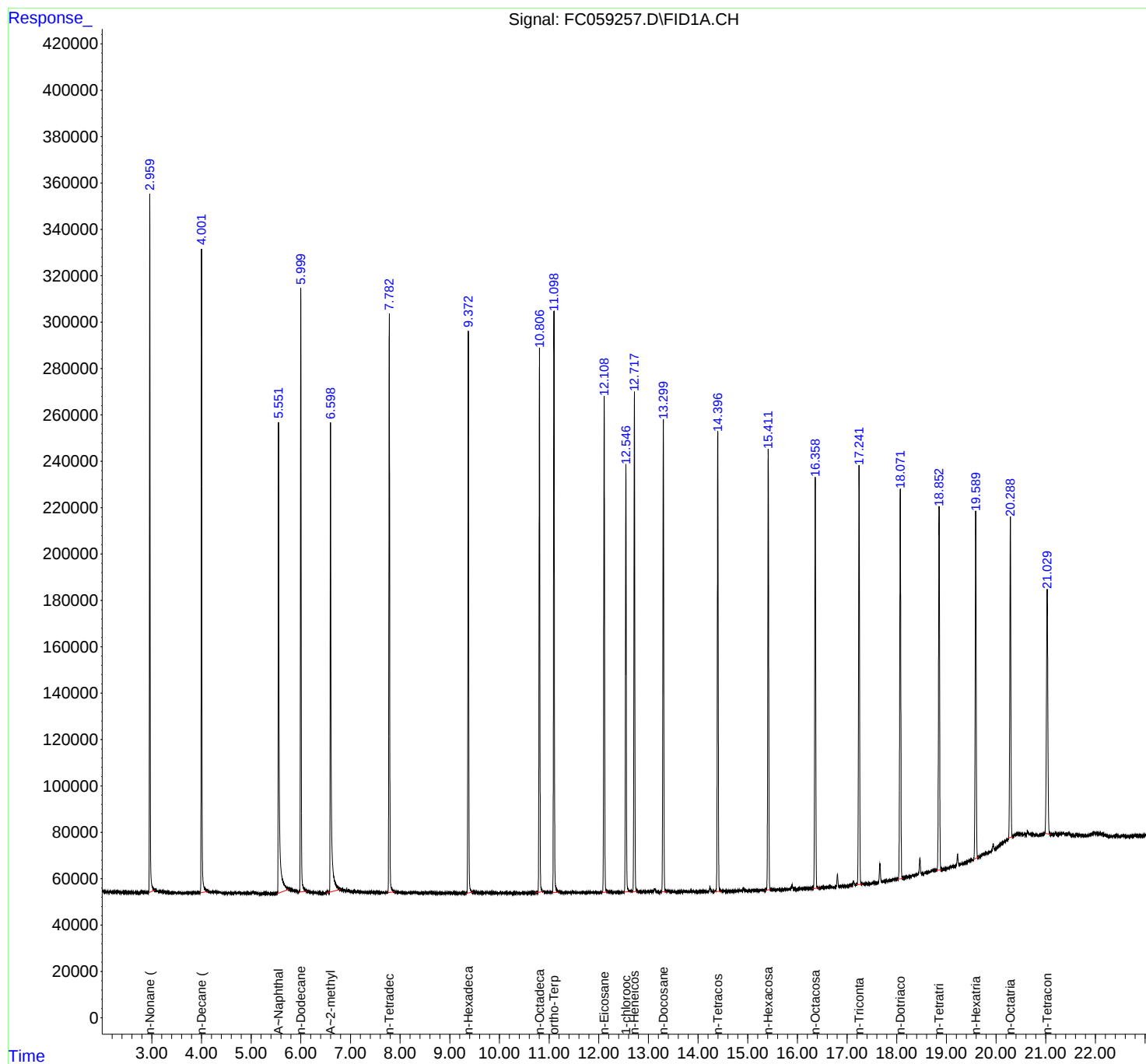
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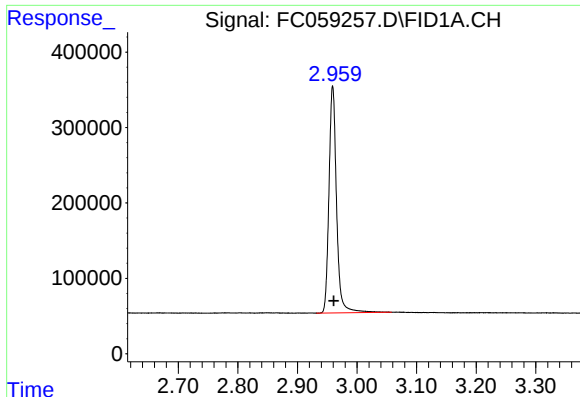
(m)=manual int.

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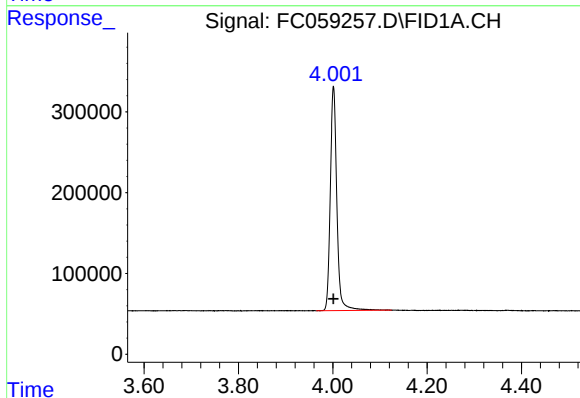
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Signal Info : 20M x 0.18mm x 0.18um





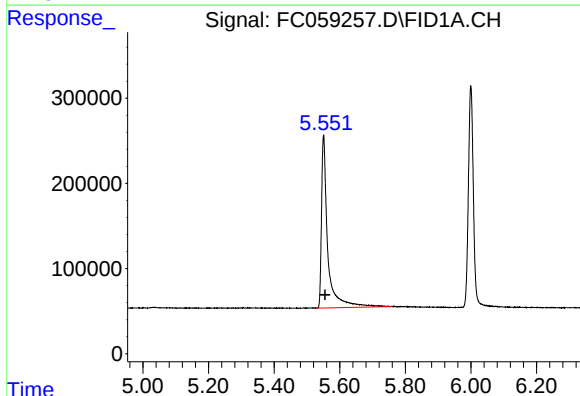
#1 n-Nonane (C9)

R.T.: 2.959 min
Delta R.T.: -0.002 min
Response: 2656220
Conc: 21.68 ug/ml



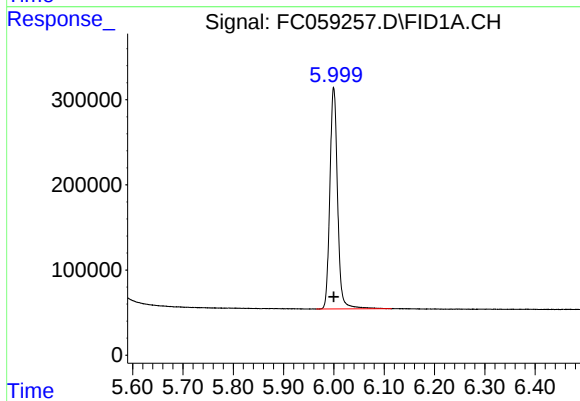
#2 n-Decane (C10)

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 2674575
Conc: 21.83 ug/ml



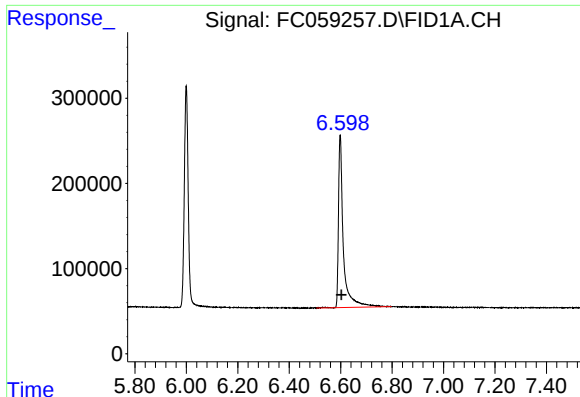
#3 A~Naphthalene (C11.7)

R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 2688005
Conc: 21.41 ug/ml



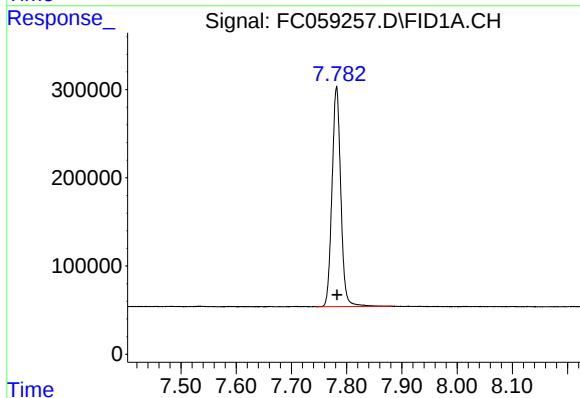
#4 n-Dodecane (C12)

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 2772736
Conc: 21.71 ug/ml



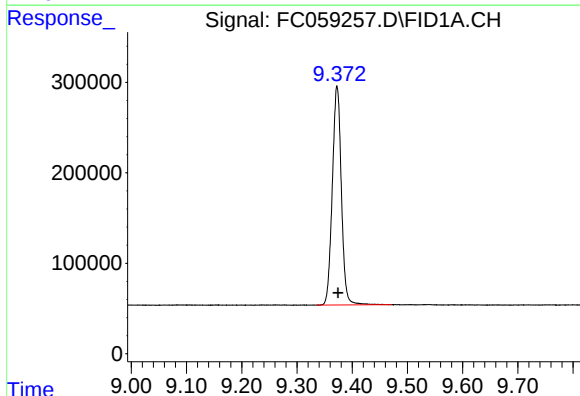
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.598 min
Delta R.T.: -0.004 min
Response: 2685980
Conc: 20.95 ug/ml



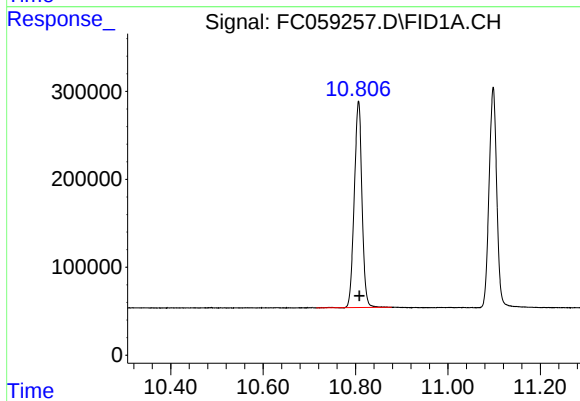
#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 2753726
Conc: 21.18 ug/ml



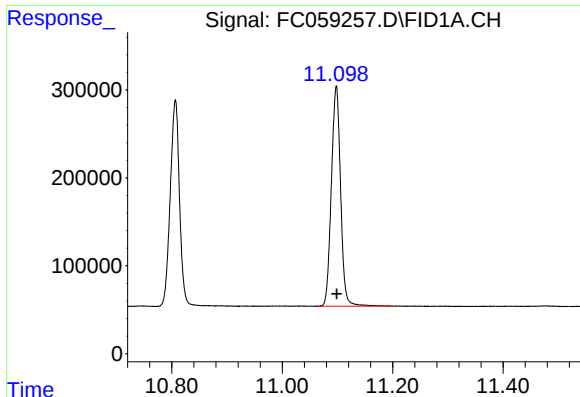
#7 n-Hexadecane (C16)

R.T.: 9.373 min
Delta R.T.: -0.002 min
Response: 2758231
Conc: 20.77 ug/ml



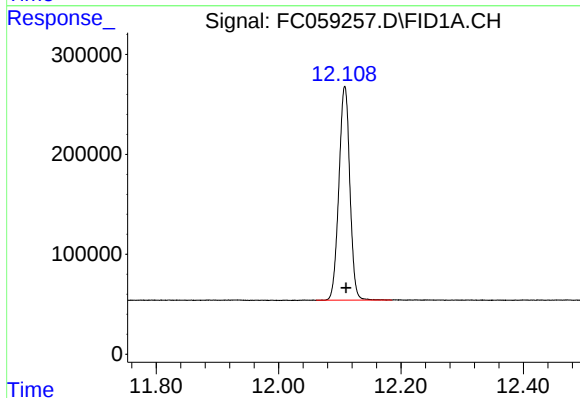
#8 n-Octadecane (C18)

R.T.: 10.806 min
Delta R.T.: -0.002 min
Response: 2721256
Conc: 20.47 ug/ml



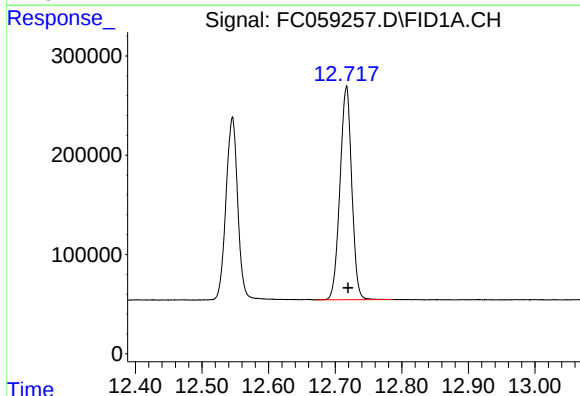
#9 ortho-Terphenyl (SURR)

R.T.: 11.098 min
Delta R.T.: 0.000 min
Response: 2908689
Conc: 20.19 ug/ml



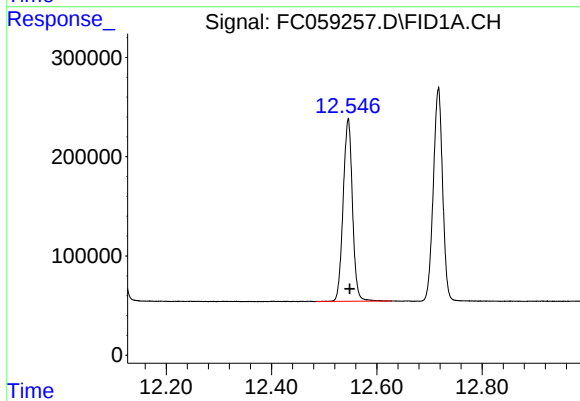
#10 n-Eicosane (C20)

R.T.: 12.108 min
Delta R.T.: -0.002 min
Response: 2656899
Conc: 20.28 ug/ml



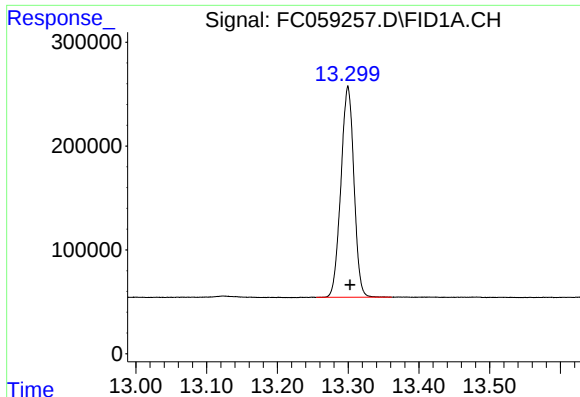
#11 n-Heneicosane (C21)

R.T.: 12.717 min
Delta R.T.: -0.003 min
Response: 2638184
Conc: 20.22 ug/ml



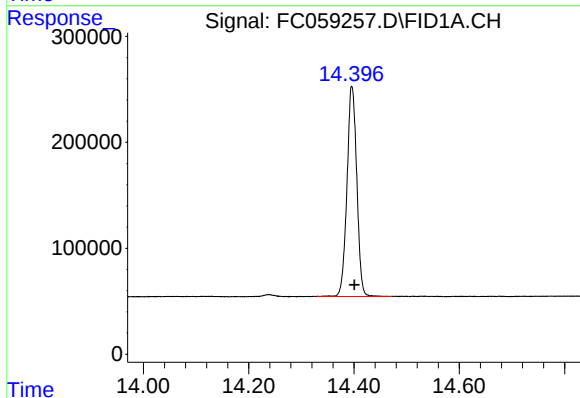
#12 1-chlorooctadecane (SURR)

R.T.: 12.545 min
Delta R.T.: -0.003 min
Response: 2259146
Conc: 20.15 ug/ml



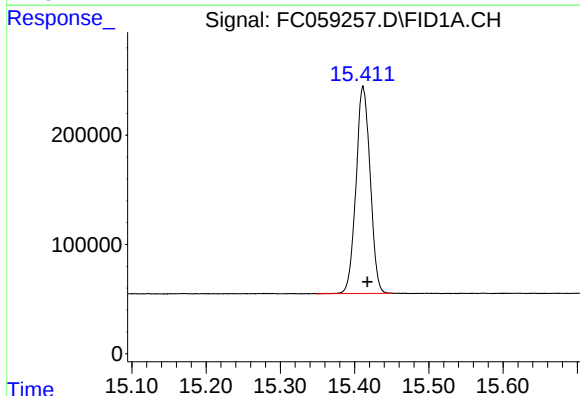
#13 n-Docosane (C22)

R.T.: 13.300 min
Delta R.T.: -0.003 min
Response: 2601747
Conc: 20.08 ug/ml



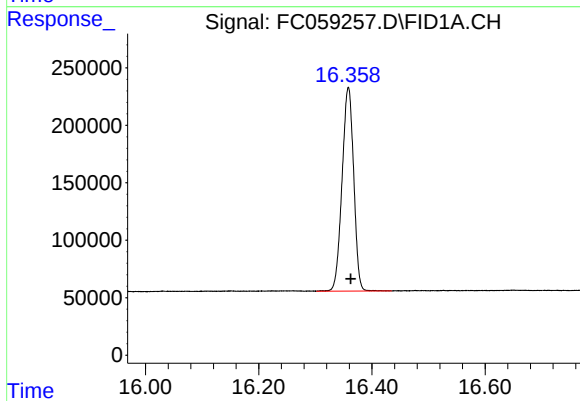
#14 n-Tetracosane (C24)

R.T.: 14.396 min
Delta R.T.: -0.005 min
Response: 2567178
Conc: 20.32 ug/ml



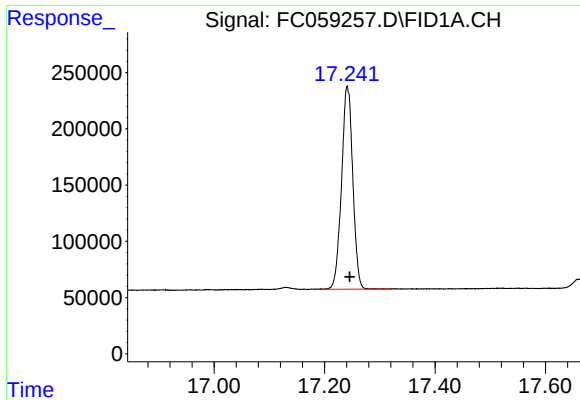
#15 n-Hexacosane (C26)

R.T.: 15.412 min
Delta R.T.: -0.005 min
Response: 2508049
Conc: 20.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.358 min
Delta R.T.: -0.004 min
Response: 2524194
Conc: 21.32 ug/ml



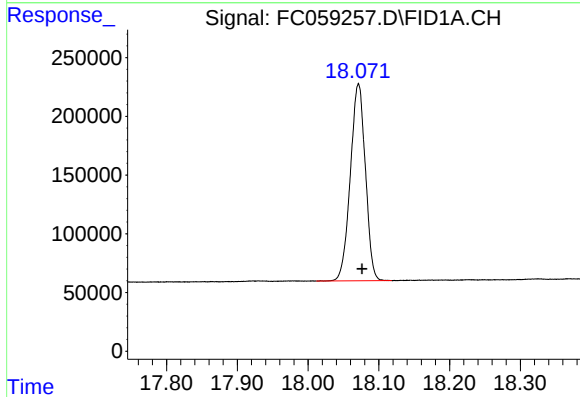
#17 n-Tricontane (C30)

R.T.: 17.241 min

Delta R.T.: -0.005 min

Response: 2554224

Conc: 22.39 ug/ml



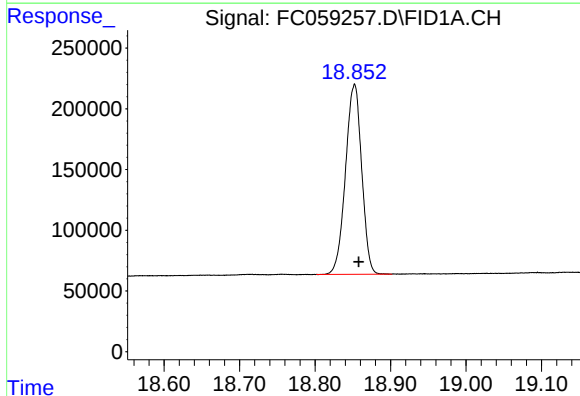
#18 n-Dotriacontane (C32)

R.T.: 18.071 min

Delta R.T.: -0.005 min

Response: 2475279

Conc: 23.11 ug/ml



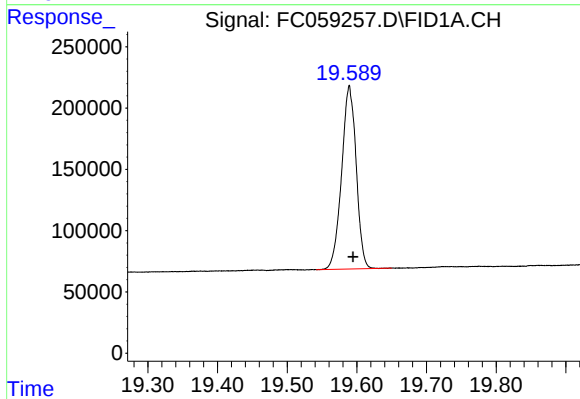
#19 n-Tetratriacontane (C34)

R.T.: 18.852 min

Delta R.T.: -0.006 min

Response: 2325331

Conc: 23.01 ug/ml



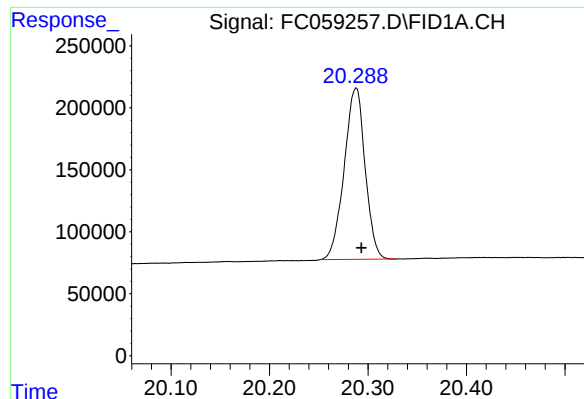
#20 n-Hexatriacontane (C36)

R.T.: 19.589 min

Delta R.T.: -0.006 min

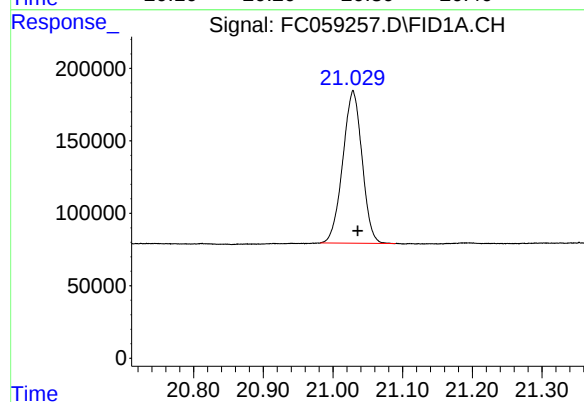
Response: 2164592

Conc: 22.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.288 min
Delta R.T.: -0.006 min
Response: 2039548
Conc: 22.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.029 min
Delta R.T.: -0.007 min
Response: 2019479
Conc: 21.73 ug/ml