

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100919AL\
 Data File : FC043867.D
 Signal(s) : FID1A.CH
 Acq On : 09 Oct 2019 23:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 10 00:50:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 2019
 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)	11.576	3005358	19.801 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
12) S 1-chlorooctadecane (S...	12.996	2290518	19.319 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
Target Compounds			
1) T n-Nonane (C9)	3.425	2699951	22.331 ug/ml
2) T n-Decane (C10)	4.479	2777445	22.947 ug/ml
3) T A-Naphthalene (C11.7)	6.058	2702926	22.958 ug/ml
4) T n-Dodecane (C12)	6.470	2885430	22.813 ug/ml
5) T A~2-methylnaphthalene...	7.103	2728933	22.646 ug/ml
6) T n-Tetradecane (C14)	8.245	2895785	22.497 ug/ml
7) T n-Hexadecane (C16)	9.829	2896047	21.995 ug/ml
8) T n-Octadecane (C18)	11.257	2859240	20.963 ug/ml
10) T n-Eicosane (C20)	12.554	2795118	20.026 ug/ml
11) T n-Heneicosane (C21)	13.160	2763363	19.445 ug/ml
13) T n-Docosane (C22)	13.742	2708476	19.062 ug/ml
14) T n-Tetracosane (C24)	14.835	2621751	18.262 ug/ml
15) T n-Hexacosane (C26)	15.849	2563948	17.930 ug/ml
16) T n-Octacosane (C28)	16.794	2552340	18.005 ug/ml
17) T n-Tricontane (C30)	17.675	2602638	18.558 ug/ml
18) T n-Dotriacontane (C32)	18.504	2564144	19.303 ug/ml
19) T n-Tetratriacontane (C34)	19.283	2455105	19.650 ug/ml
20) T n-Hexatriacontane (C36)	20.019	2313846	20.019 ug/mlm
21) T n-Octatriacontane (C38)	20.741	2256772	21.204 ug/ml
22) T n-Tetracontane (C40)	21.621	2292961	21.930 ug/ml

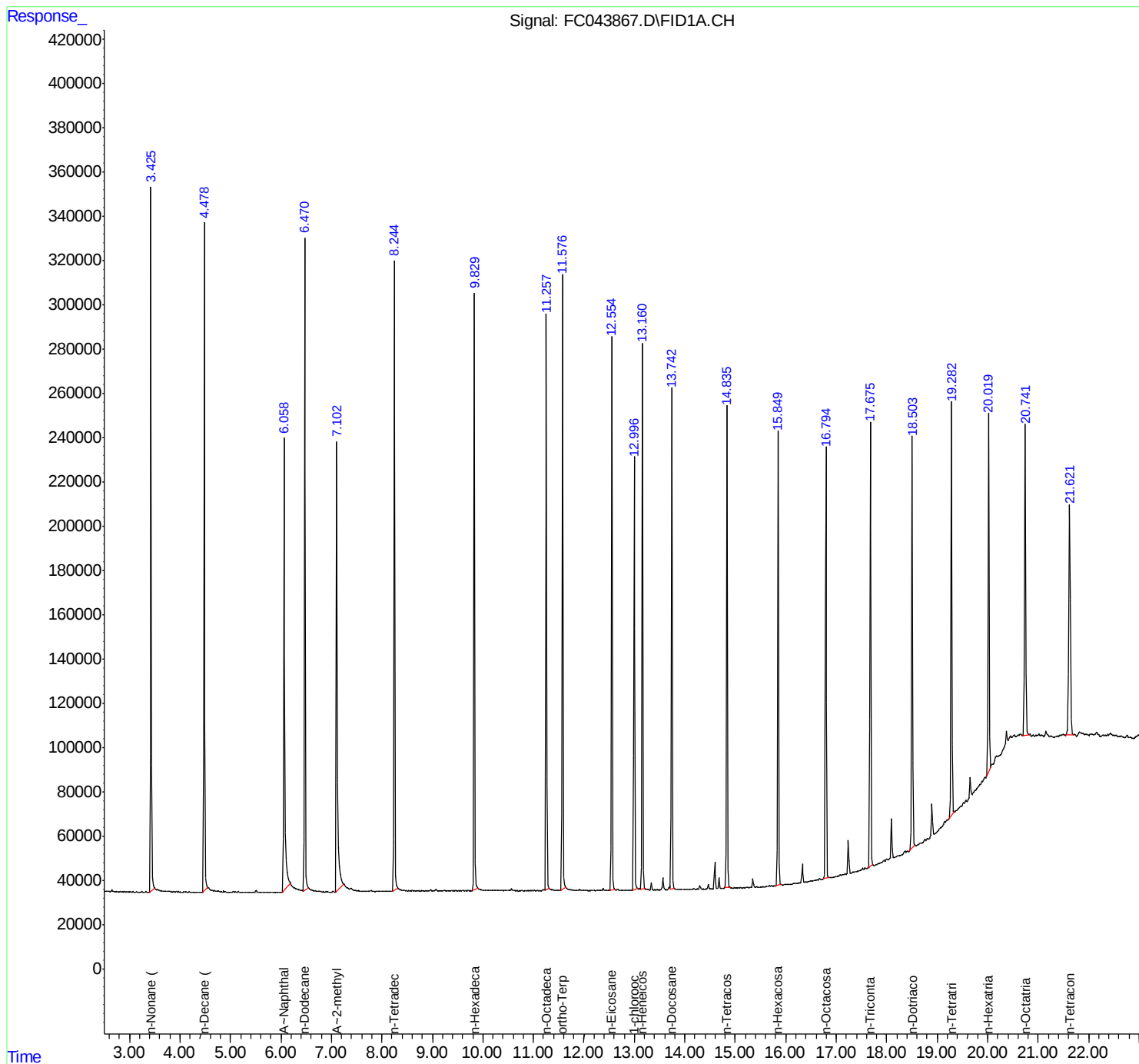
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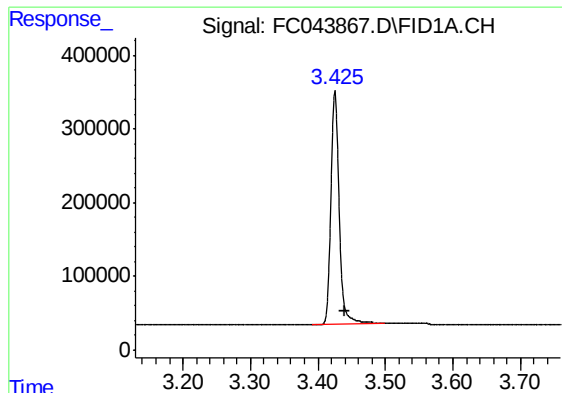
(m)=manual int.

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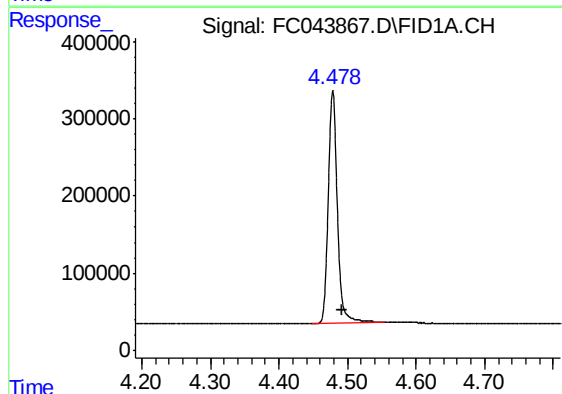
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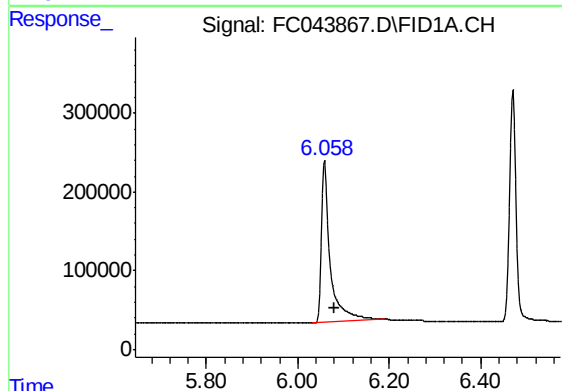
#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: -0.014 min
Response: 2699951
Conc: 22.33 ug/ml



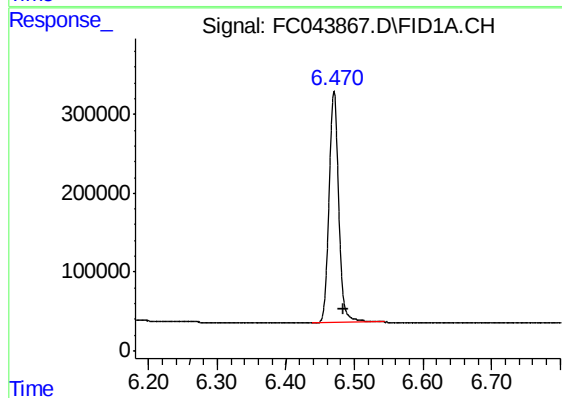
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.013 min
Response: 2777445
Conc: 22.95 ug/ml



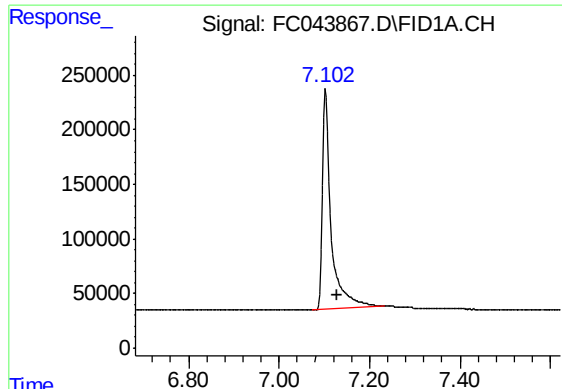
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.022 min
Response: 2702926
Conc: 22.96 ug/ml



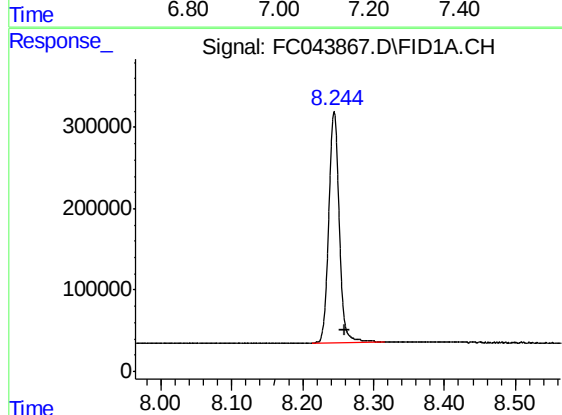
#4 n-Dodecane (C12)

R.T.: 6.470 min
Delta R.T.: -0.014 min
Response: 2885430
Conc: 22.81 ug/ml



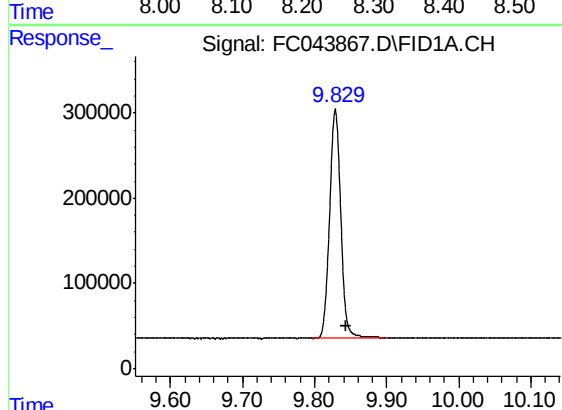
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.025 min
Response: 2728933
Conc: 22.65 ug/ml



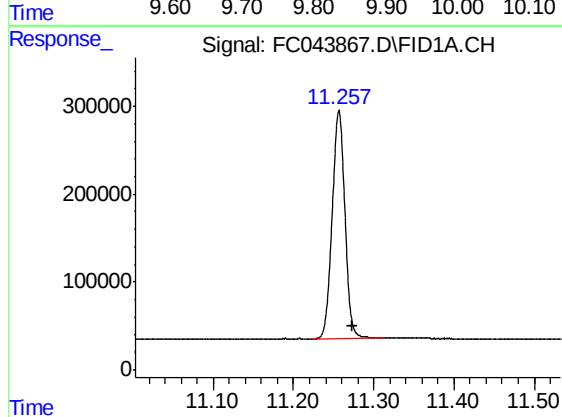
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.015 min
Response: 2895785
Conc: 22.50 ug/ml



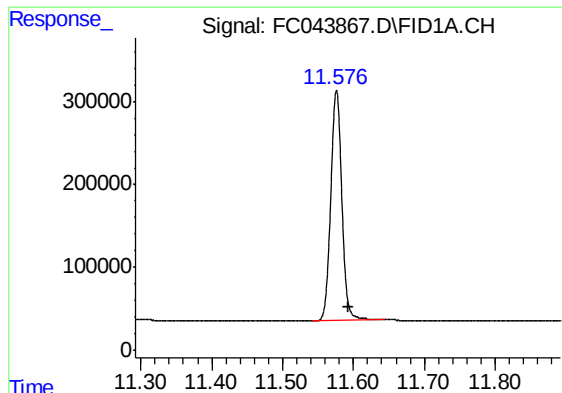
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: -0.015 min
Response: 2896047
Conc: 21.99 ug/ml



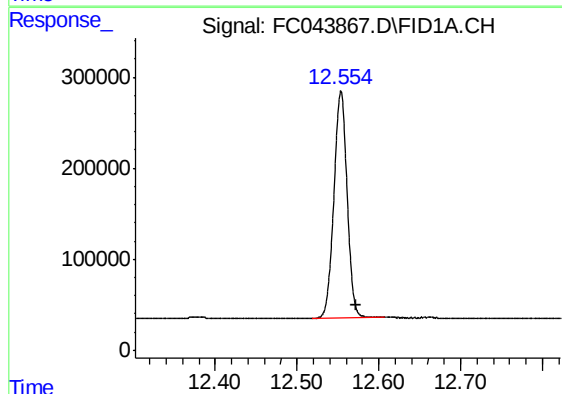
#8 n-Octadecane (C18)

R.T.: 11.257 min
Delta R.T.: -0.016 min
Response: 2859240
Conc: 20.96 ug/ml



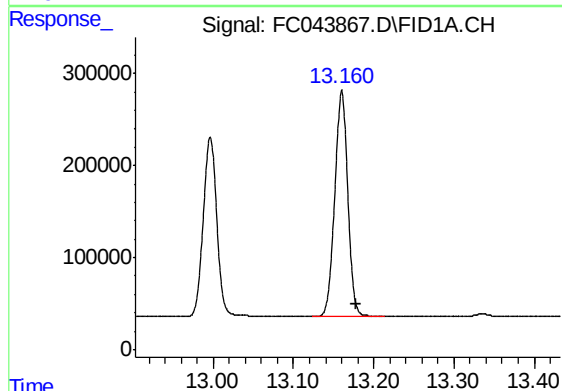
#9 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: -0.017 min
Response: 3005358
Conc: 19.80 ug/ml



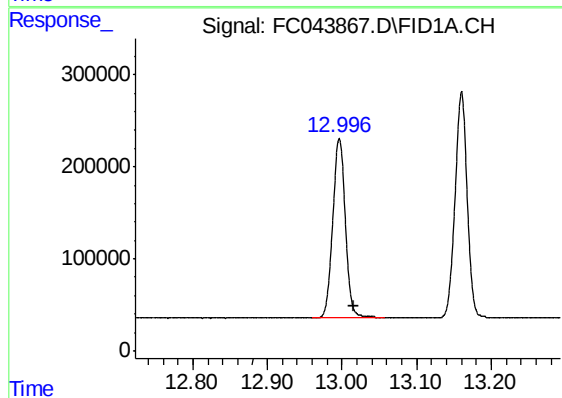
#10 n-Eicosane (C20)

R.T.: 12.554 min
Delta R.T.: -0.018 min
Response: 2795118
Conc: 20.03 ug/ml



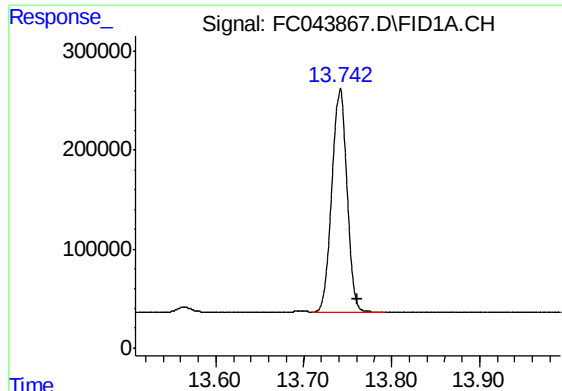
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: -0.018 min
Response: 2763363
Conc: 19.44 ug/ml



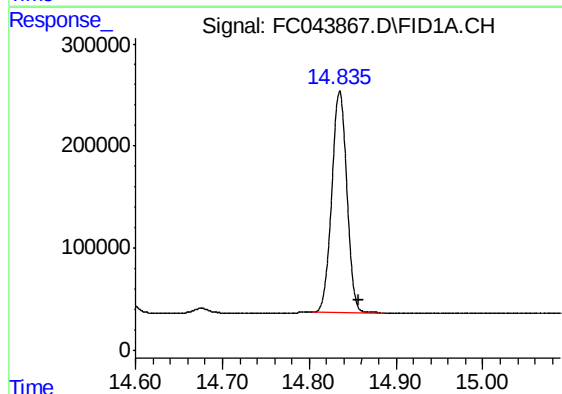
#12 1-chlorooctadecane (SURR)

R.T.: 12.996 min
Delta R.T.: -0.019 min
Response: 2290518
Conc: 19.32 ug/ml



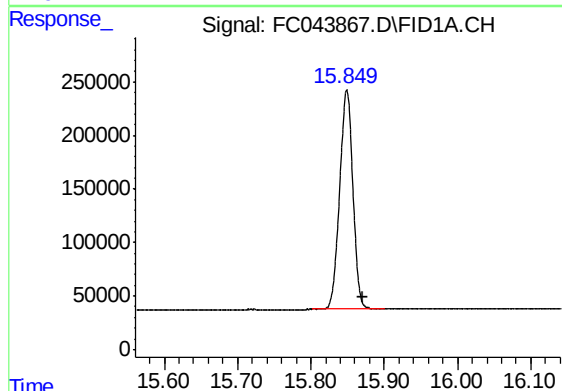
#13 n-Docosane (C22)

R.T.: 13.742 min
Delta R.T.: -0.020 min
Response: 2708476
Conc: 19.06 ug/ml



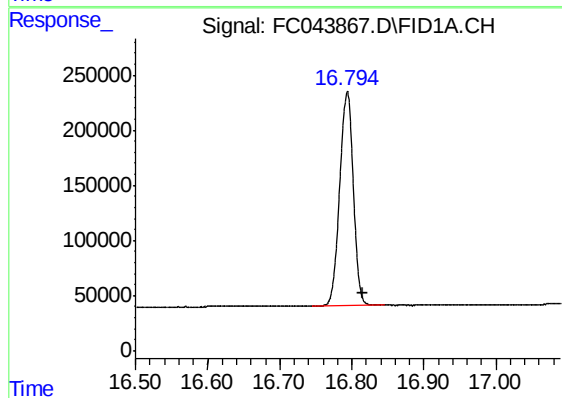
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.021 min
Response: 2621751
Conc: 18.26 ug/ml



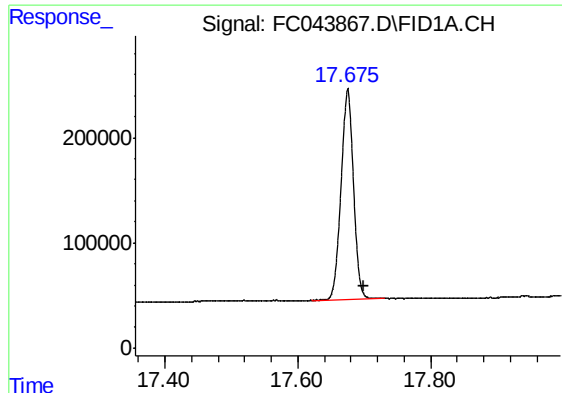
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.022 min
Response: 2563948
Conc: 17.93 ug/ml



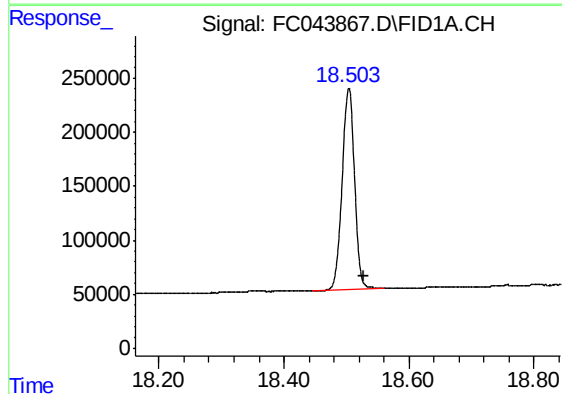
#16 n-Octacosane (C28)

R.T.: 16.794 min
Delta R.T.: -0.022 min
Response: 2552340
Conc: 18.01 ug/ml



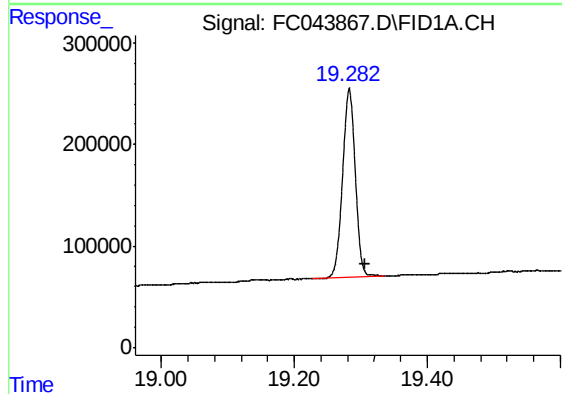
#17 n-Tricontane (C30)

R.T.: 17.675 min
Delta R.T.: -0.023 min
Response: 2602638
Conc: 18.56 ug/ml



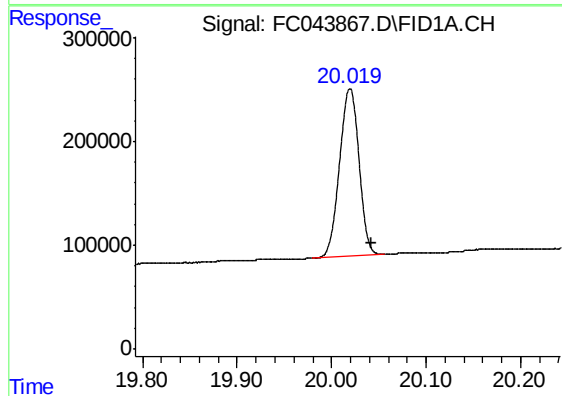
#18 n-Dotriacontane (C32)

R.T.: 18.504 min
Delta R.T.: -0.023 min
Response: 2564144
Conc: 19.30 ug/ml



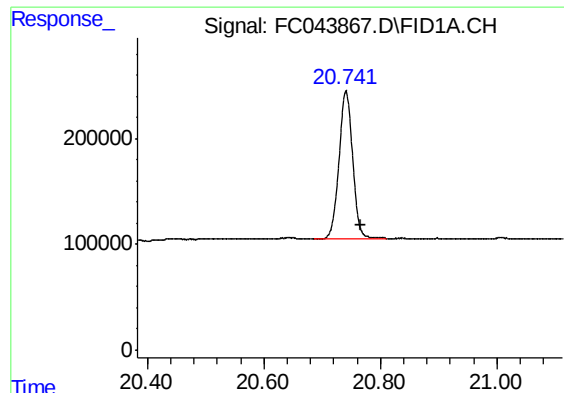
#19 n-Tetratriacontane (C34)

R.T.: 19.283 min
Delta R.T.: -0.023 min
Response: 2455105
Conc: 19.65 ug/ml



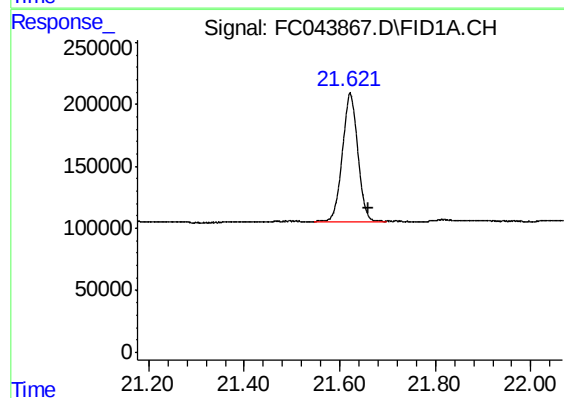
#20 n-Hexatriacontane (C36)

R.T.: 20.019 min
Delta R.T.: -0.024 min
Response: 2313846
Conc: 20.02 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: -0.026 min
Response: 2256772
Conc: 21.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: -0.039 min
Response: 2292961
Conc: 21.93 ug/ml