

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100819AL\
 Data File : FC043835.D
 Signal(s) : FID1A.CH
 Acq On : 08 Oct 2019 15:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 09 02:45:31 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)	11.575	2934986	19.337 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
12) S 1-chlorooctadecane (S...	12.995	2248955	18.969 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T n-Nonane (C9)	3.427	2612279	21.606 ug/ml
2) T n-Decane (C10)	4.479	2668179	22.044 ug/ml
3) T A~Naphthalene (C11.7)	6.059	2630588	22.343 ug/ml
4) T n-Dodecane (C12)	6.470	2797732	22.120 ug/ml
5) T A~2-methylnaphthalene...	7.103	2602247	21.595 ug/ml
6) T n-Tetradecane (C14)	8.244	2817561	21.889 ug/ml
7) T n-Hexadecane (C16)	9.827	2814028	21.372 ug/ml
8) T n-Octadecane (C18)	11.255	2802310	20.546 ug/ml
10) T n-Eicosane (C20)	12.553	2741019	19.638 ug/ml
11) T n-Heneicosane (C21)	13.160	2715534	19.108 ug/ml
13) T n-Docosane (C22)	13.741	2669392	18.787 ug/ml
14) T n-Tetracosane (C24)	14.835	2558673	17.823 ug/ml
15) T n-Hexacosane (C26)	15.848	2477644	17.326 ug/ml
16) T n-Octacosane (C28)	16.791	2434516	17.174 ug/ml
17) T n-Tricontane (C30)	17.674	2446946	17.448 ug/ml
18) T n-Dotriacontane (C32)	18.501	2384974	17.954 ug/ml
19) T n-Tetratriacontane (C34)	19.281	2290308	18.331 ug/ml
20) T n-Hexatriacontane (C36)	20.014	2210234	19.122 ug/ml
21) T n-Octatriacontane (C38)	20.739	2082561	19.567 ug/ml
22) T n-Tetracontane (C40)	21.620	2140531	20.472 ug/ml

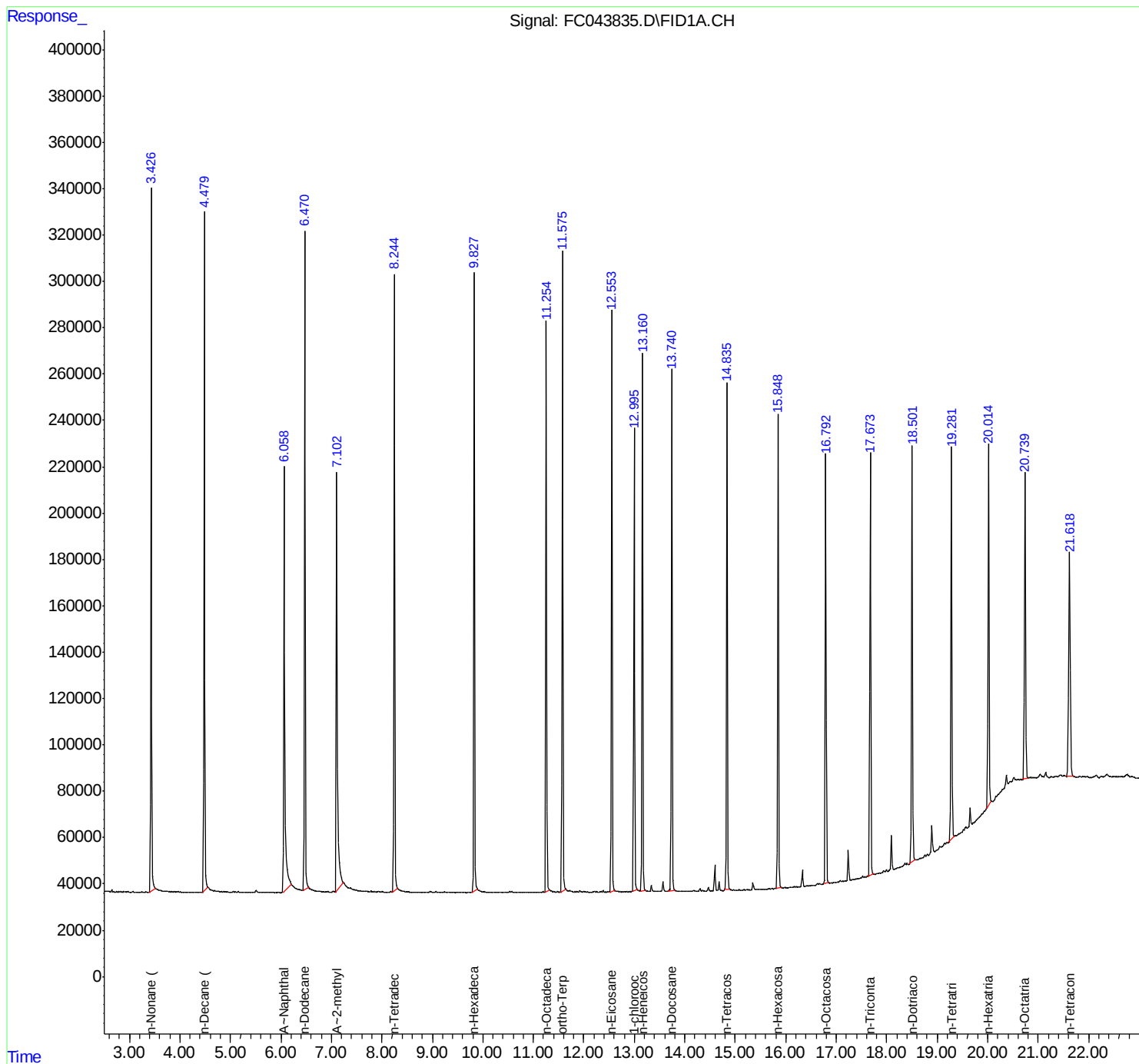
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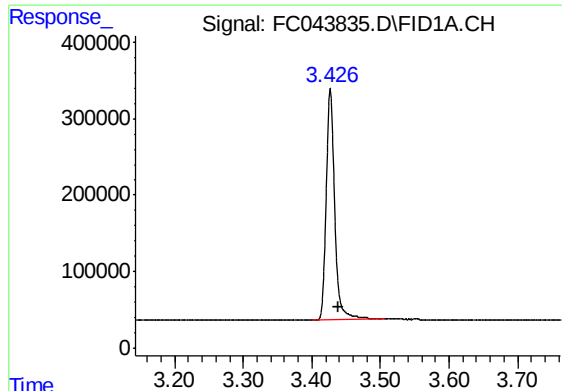
(m)=manual int.

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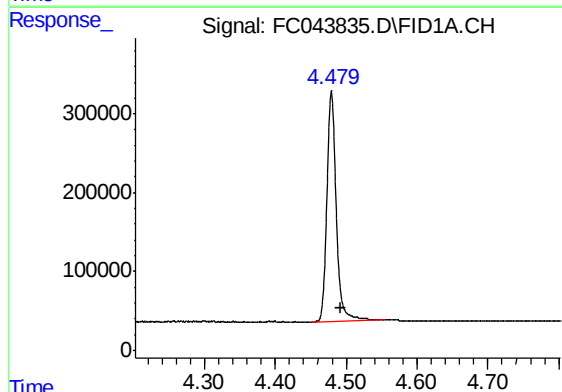
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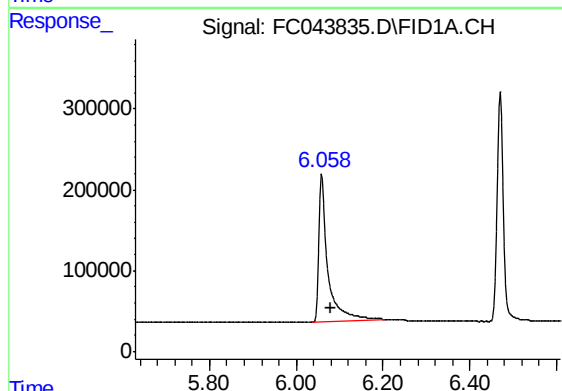
#1 n-Nonane (C9)

R.T.: 3.427 min
Delta R.T.: -0.012 min
Response: 2612279
Conc: 21.61 ug/ml



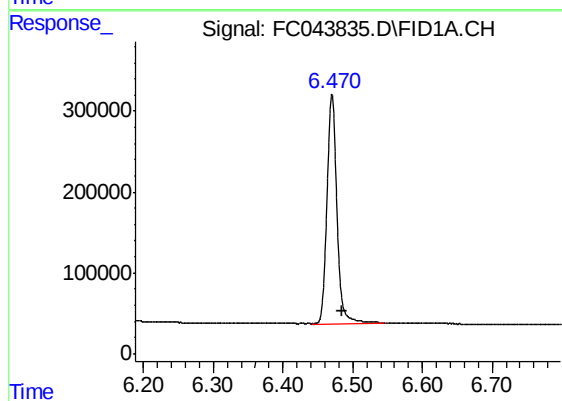
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.013 min
Response: 2668179
Conc: 22.04 ug/ml



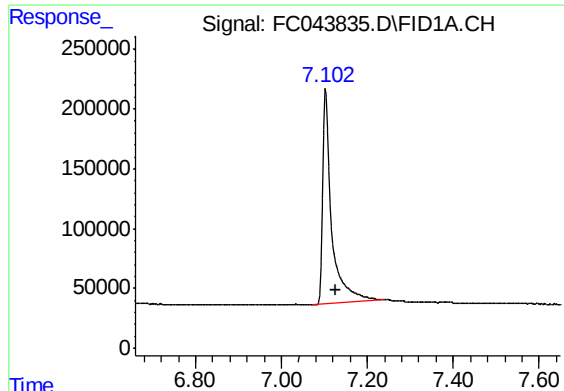
#3 A~Naphthalene (C11.7)

R.T.: 6.059 min
Delta R.T.: -0.022 min
Response: 2630588
Conc: 22.34 ug/ml



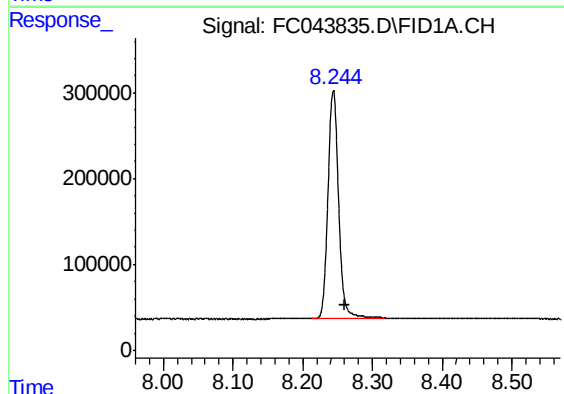
#4 n-Dodecane (C12)

R.T.: 6.470 min
Delta R.T.: -0.014 min
Response: 2797732
Conc: 22.12 ug/ml



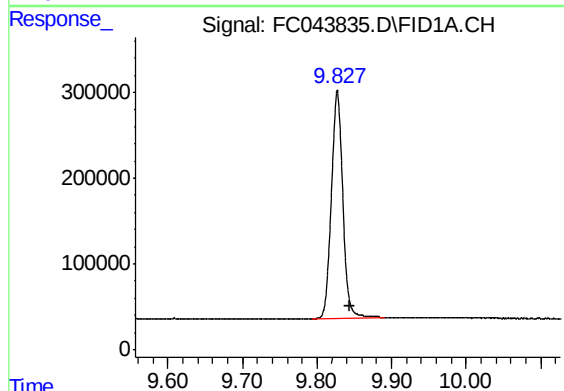
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.025 min
Response: 2602247
Conc: 21.59 ug/ml



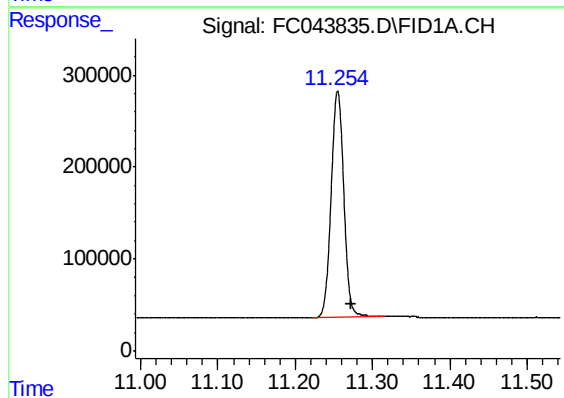
#6 n-Tetradecane (C14)

R.T.: 8.244 min
Delta R.T.: -0.016 min
Response: 2817561
Conc: 21.89 ug/ml



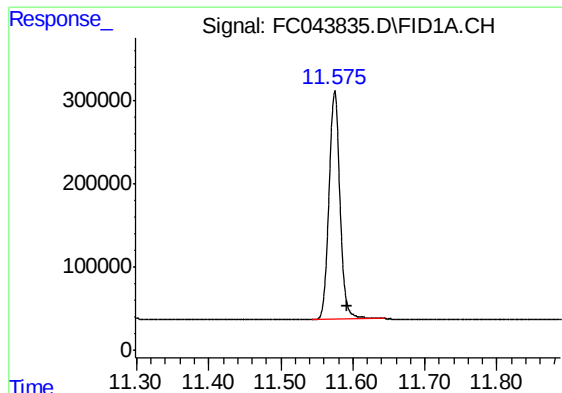
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: -0.017 min
Response: 2814028
Conc: 21.37 ug/ml



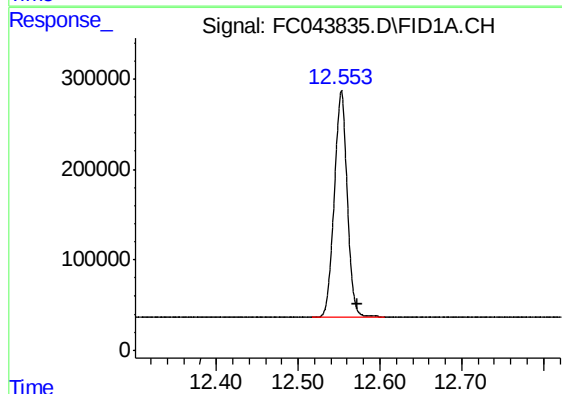
#8 n-Octadecane (C18)

R.T.: 11.255 min
Delta R.T.: -0.018 min
Response: 2802310
Conc: 20.55 ug/ml



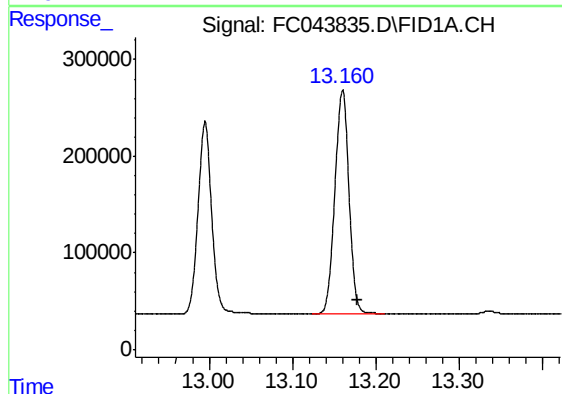
#9 ortho-Terphenyl (SURR)

R.T.: 11.575 min
Delta R.T.: -0.018 min
Response: 2934986
Conc: 19.34 ug/ml



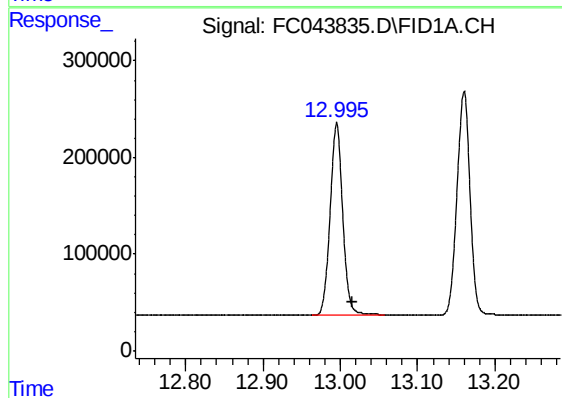
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.019 min
Response: 2741019
Conc: 19.64 ug/ml



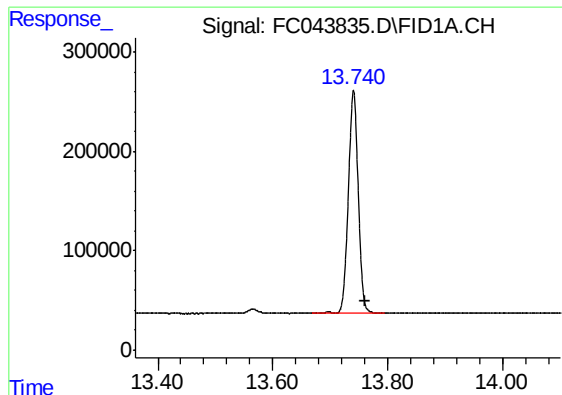
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: -0.019 min
Response: 2715534
Conc: 19.11 ug/ml



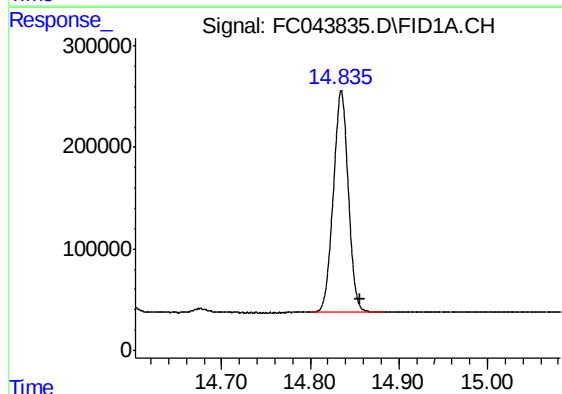
#12 1-chlorooctadecane (SURR)

R.T.: 12.995 min
Delta R.T.: -0.020 min
Response: 2248955
Conc: 18.97 ug/ml



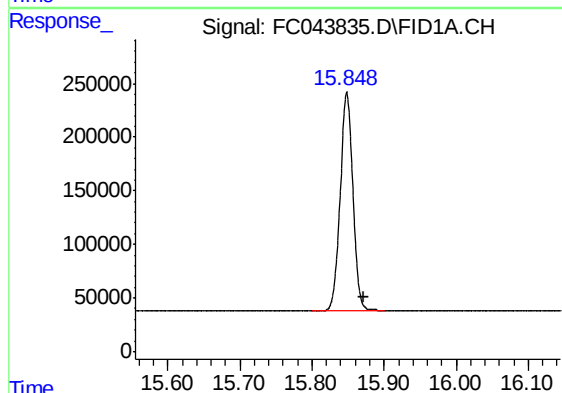
#13 n-Docosane (C22)

R.T.: 13.741 min
Delta R.T.: -0.020 min
Response: 2669392
Conc: 18.79 ug/ml



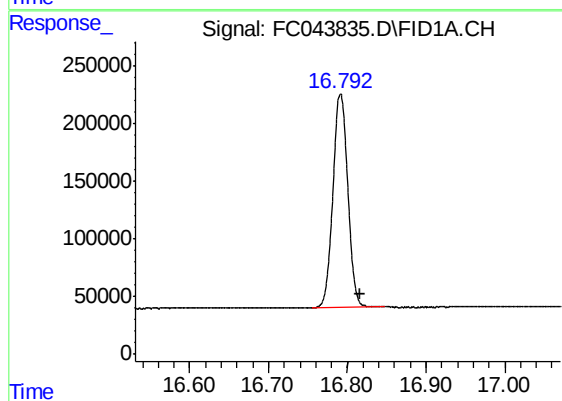
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.021 min
Response: 2558673
Conc: 17.82 ug/ml



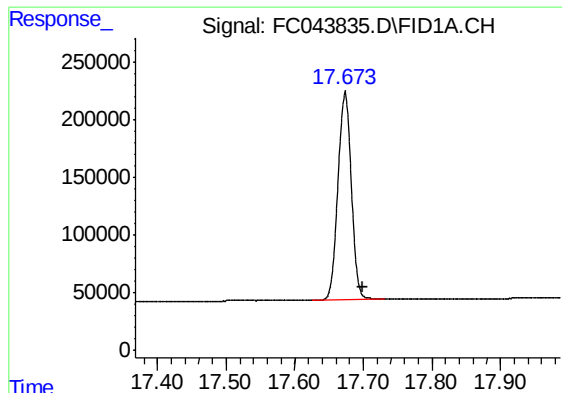
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.023 min
Response: 2477644
Conc: 17.33 ug/ml



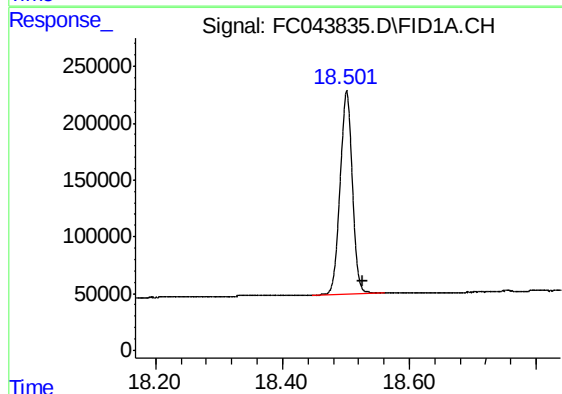
#16 n-Octacosane (C28)

R.T.: 16.791 min
Delta R.T.: -0.024 min
Response: 2434516
Conc: 17.17 ug/ml



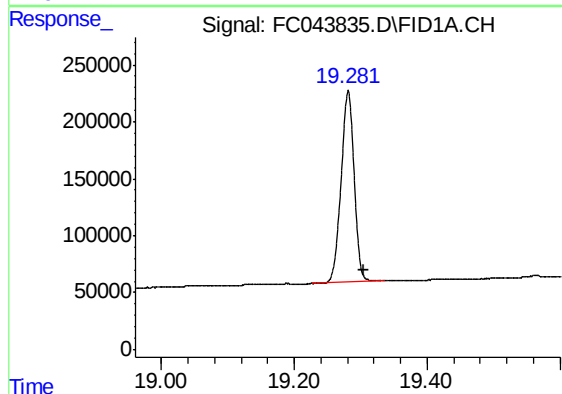
#17 n-Tricontane (C30)

R.T.: 17.674 min
Delta R.T.: -0.025 min
Response: 2446946
Conc: 17.45 ug/ml



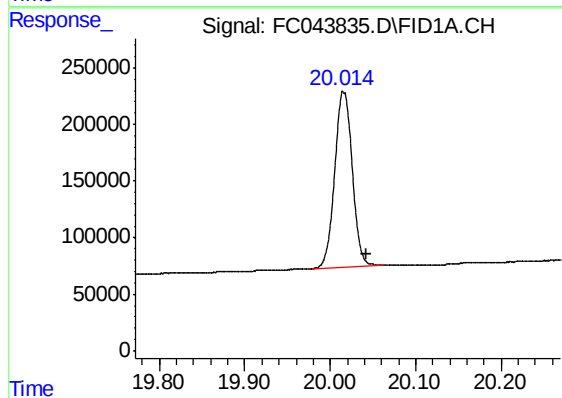
#18 n-Dotriacontane (C32)

R.T.: 18.501 min
Delta R.T.: -0.026 min
Response: 2384974
Conc: 17.95 ug/ml



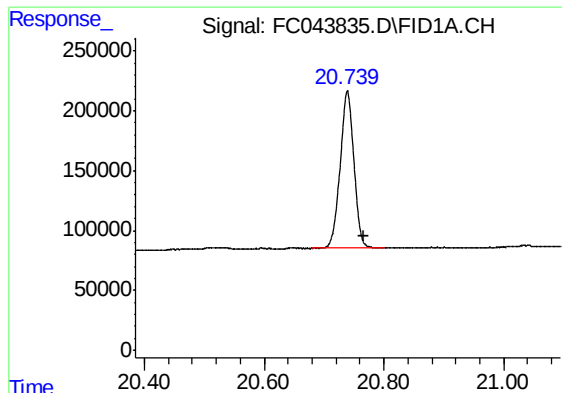
#19 n-Tetatriacontane (C34)

R.T.: 19.281 min
Delta R.T.: -0.024 min
Response: 2290308
Conc: 18.33 ug/ml



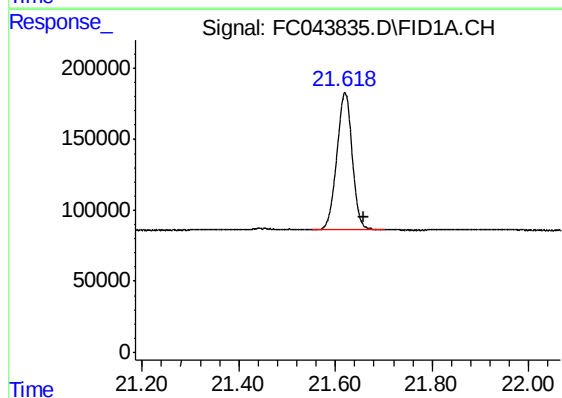
#20 n-Hexatriacontane (C36)

R.T.: 20.014 min
Delta R.T.: -0.029 min
Response: 2210234
Conc: 19.12 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.739 min
Delta R.T.: -0.029 min
Response: 2082561
Conc: 19.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: -0.041 min
Response: 2140531
Conc: 20.47 ug/ml