

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090719AL\
 Data File : FC043364.D
 Signal(s) : FID1A.CH
 Acq On : 07 Sep 2019 12:29
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 09 01:54:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 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)	11.611	2811741	19.638 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
12) S 1-chlorooctadecane (S...	13.035	2116560	19.373 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
Target Compounds			
1) T n-Nonane (C9)	3.443	2617813	21.980 ug/ml
2) T n-Decane (C10)	4.499	2680368	22.541 ug/ml
3) T A~Naphthalene (C11.7)	6.079	2741090	22.471 ug/ml
4) T n-Dodecane (C12)	6.495	2734225	22.349 ug/ml
5) T A~2-methylnaphthalene...	7.126	2752317	22.422 ug/ml
6) T n-Tetradecane (C14)	8.273	2706890	21.898 ug/ml
7) T n-Hexadecane (C16)	9.860	2681498	21.508 ug/ml
8) T n-Octadecane (C18)	11.290	2639248	20.749 ug/ml
10) T n-Eicosane (C20)	12.592	2564021	19.972 ug/ml
11) T n-Heneicosane (C21)	13.198	2542558	19.633 ug/ml
13) T n-Docosane (C22)	13.781	2484823	19.343 ug/ml
14) T n-Tetracosane (C24)	14.878	2425315	18.931 ug/ml
15) T n-Hexacosane (C26)	15.892	2348891	18.650 ug/ml
16) T n-Octacosane (C28)	16.837	2317512	18.874 ug/ml
17) T n-Tricontane (C30)	17.721	2335730	19.366 ug/ml
18) T n-Dotriacontane (C32)	18.550	2277508	19.966 ug/ml
19) T n-Tetratriacontane (C34)	19.331	2216631	20.602 ug/ml
20) T n-Hexatriacontane (C36)	20.068	2155836	20.476 ug/ml
21) T n-Octatriacontane (C38)	20.798	2089781	22.337 ug/ml
22) T n-Tetracontane (C40)	21.694	2099174	21.727 ug/ml

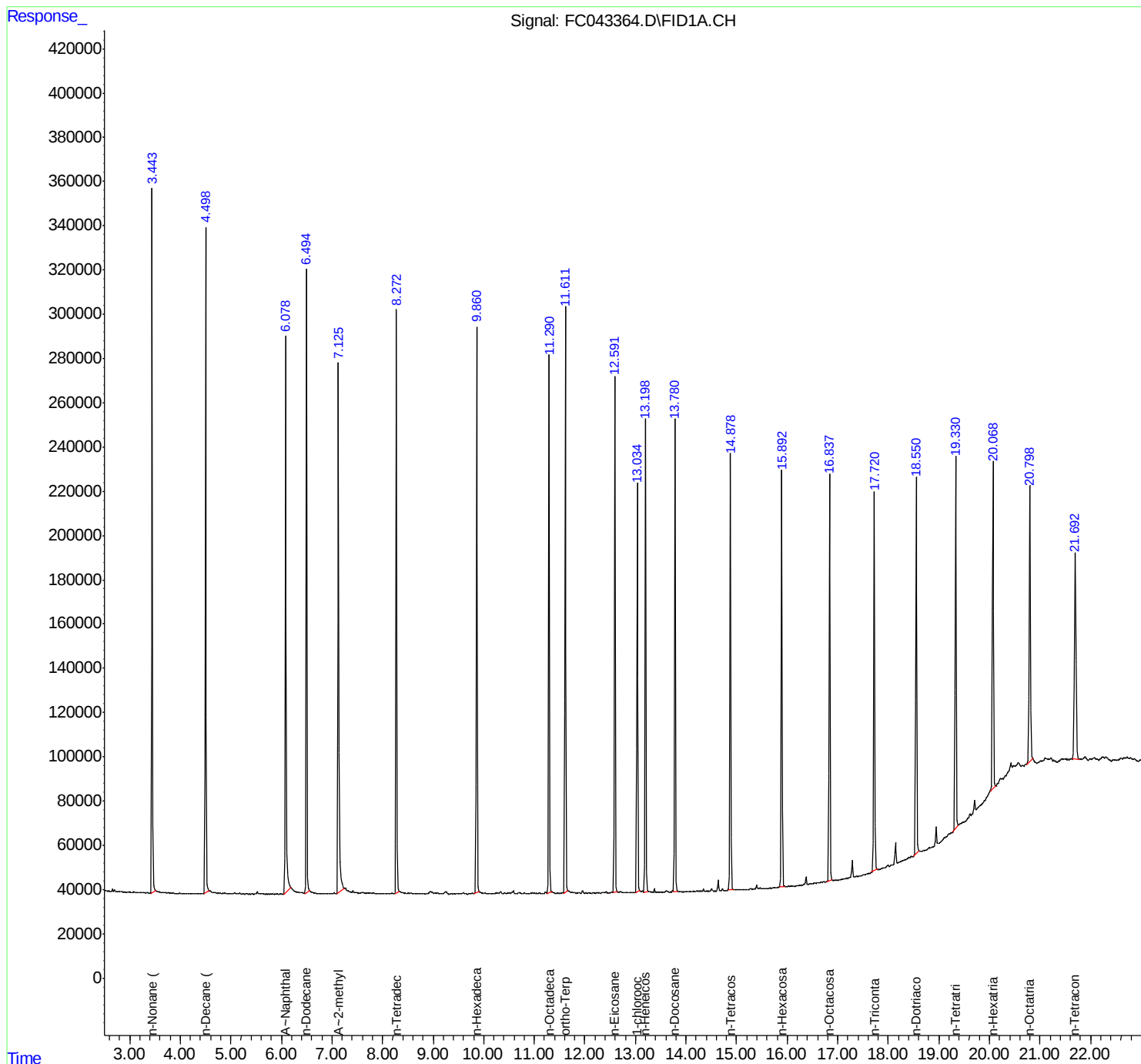
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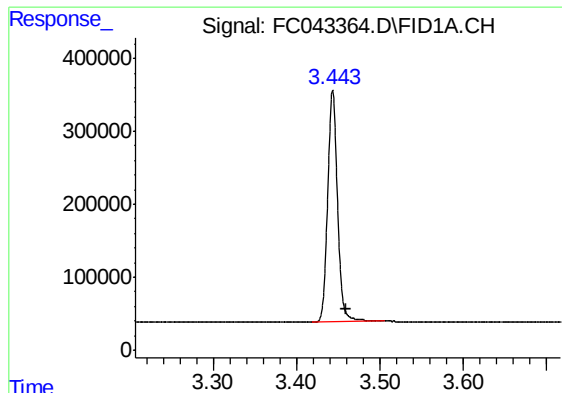
(m)=manual int.

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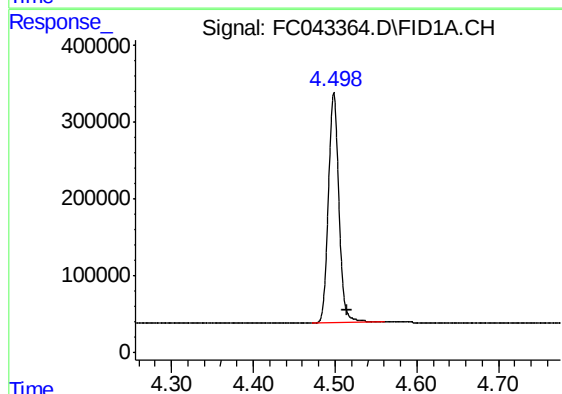
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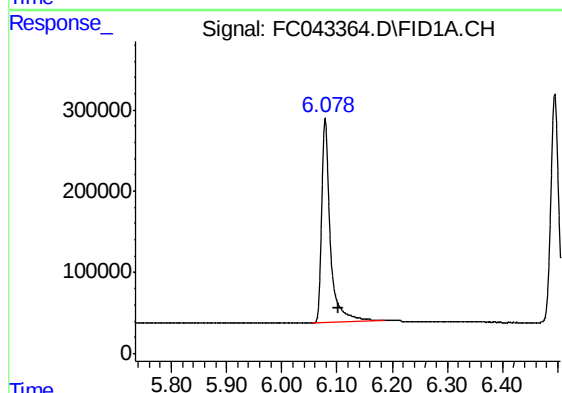
#1 n-Nonane (C9)

R.T.: 3.443 min
Delta R.T.: -0.016 min
Response: 2617813
Conc: 21.98 ug/ml



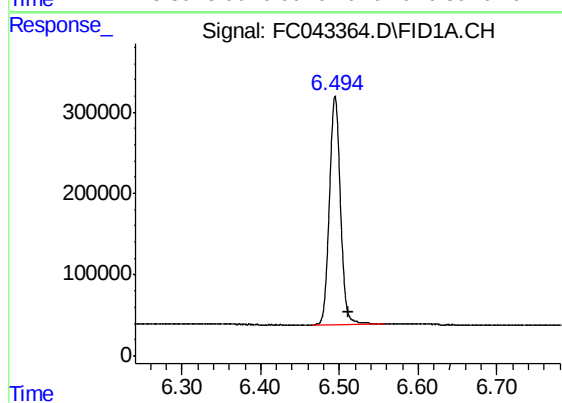
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.017 min
Response: 2680368
Conc: 22.54 ug/ml



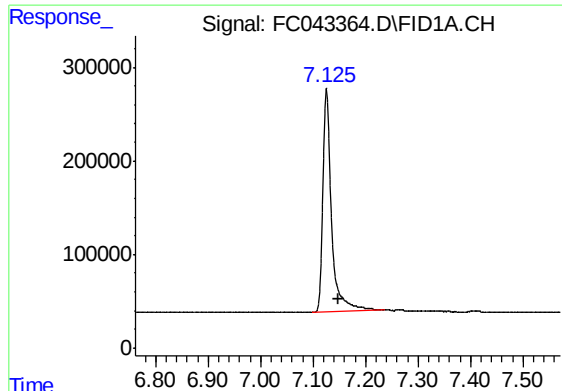
#3 A~Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.022 min
Response: 2741090
Conc: 22.47 ug/ml



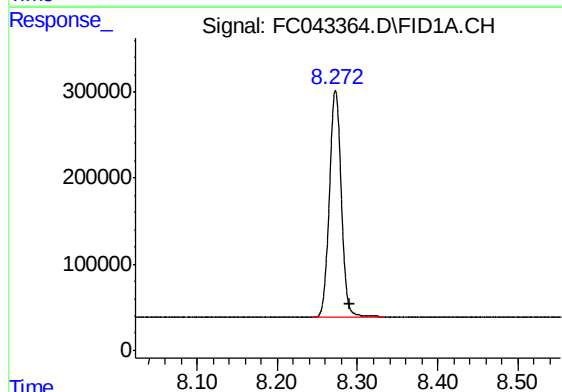
#4 n-Dodecane (C12)

R.T.: 6.495 min
Delta R.T.: -0.017 min
Response: 2734225
Conc: 22.35 ug/ml



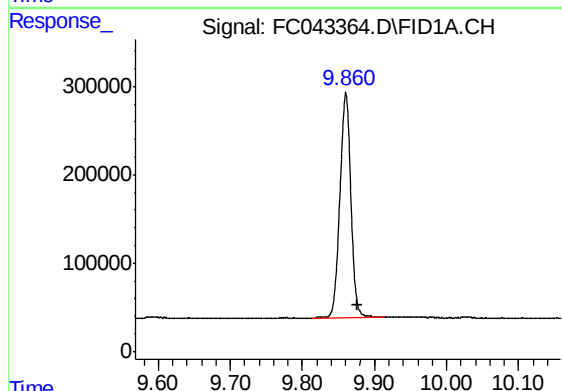
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: -0.022 min
Response: 2752317
Conc: 22.42 ug/ml



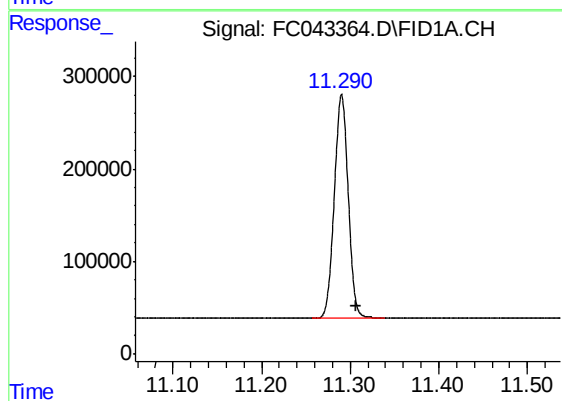
#6 n-Tetradecane (C14)

R.T.: 8.273 min
Delta R.T.: -0.017 min
Response: 2706890
Conc: 21.90 ug/ml



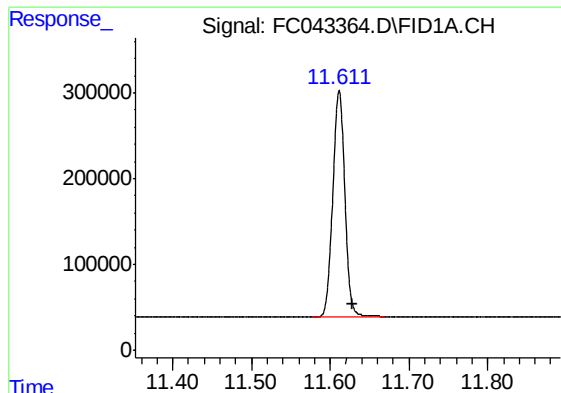
#7 n-Hexadecane (C16)

R.T.: 9.860 min
Delta R.T.: -0.016 min
Response: 2681498
Conc: 21.51 ug/ml



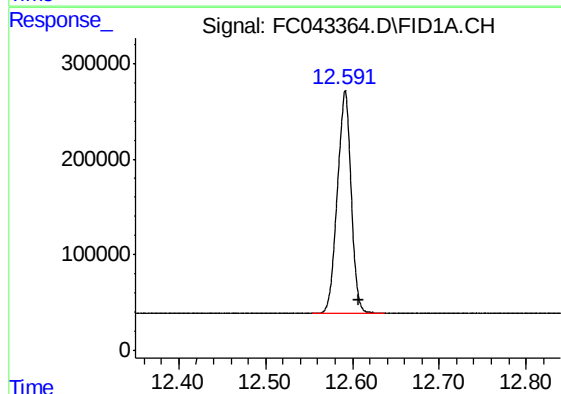
#8 n-Octadecane (C18)

R.T.: 11.290 min
Delta R.T.: -0.017 min
Response: 2639248
Conc: 20.75 ug/ml



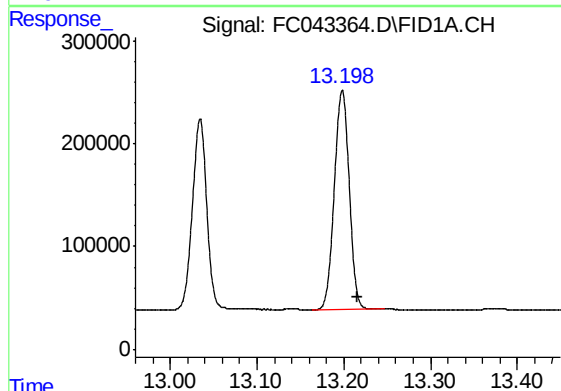
#9 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: -0.017 min
Response: 2811741
Conc: 19.64 ug/ml



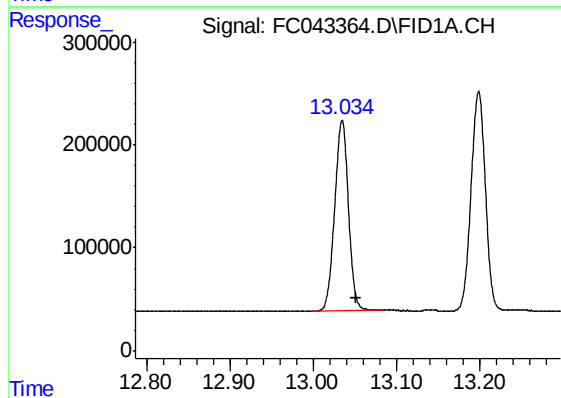
#10 n-Eicosane (C20)

R.T.: 12.592 min
Delta R.T.: -0.015 min
Response: 2564021
Conc: 19.97 ug/ml



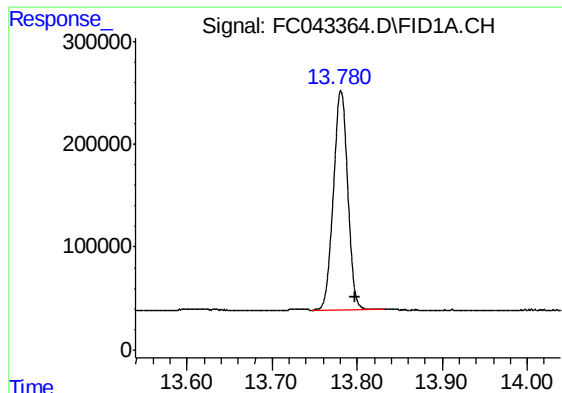
#11 n-Heneicosane (C21)

R.T.: 13.198 min
Delta R.T.: -0.017 min
Response: 2542558
Conc: 19.63 ug/ml



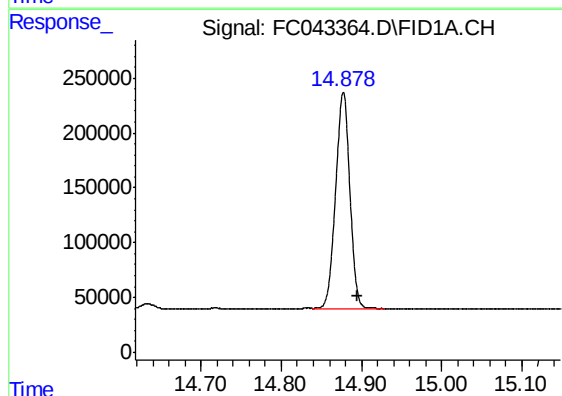
#12 1-chlorooctadecane (SURR)

R.T.: 13.035 min
Delta R.T.: -0.017 min
Response: 2116560
Conc: 19.37 ug/ml



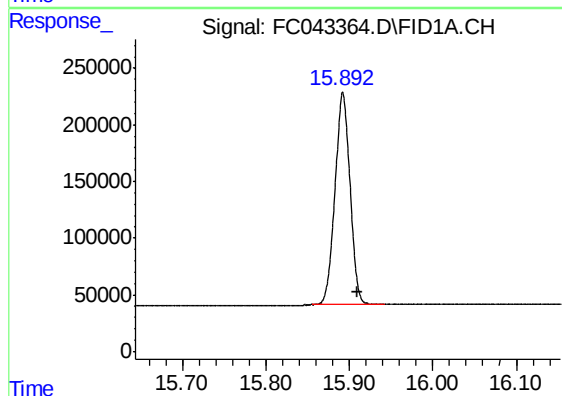
#13 n-Docosane (C22)

R.T.: 13.781 min
Delta R.T.: -0.017 min
Response: 2484823
Conc: 19.34 ug/ml



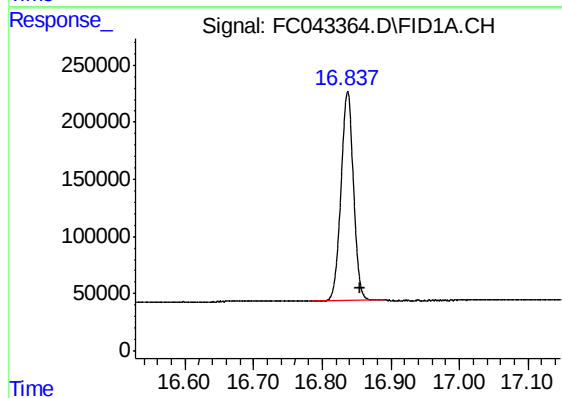
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.017 min
Response: 2425315
Conc: 18.93 ug/ml



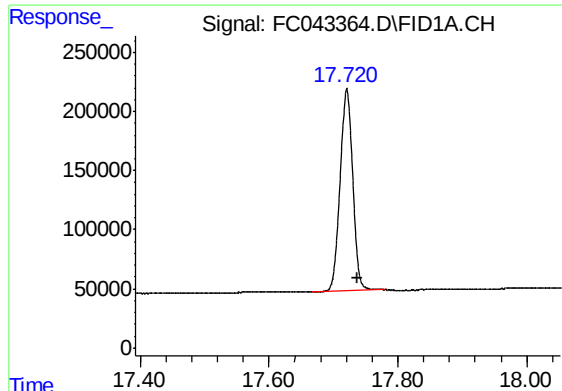
#15 n-Hexacosane (C26)

R.T.: 15.892 min
Delta R.T.: -0.017 min
Response: 2348891
Conc: 18.65 ug/ml



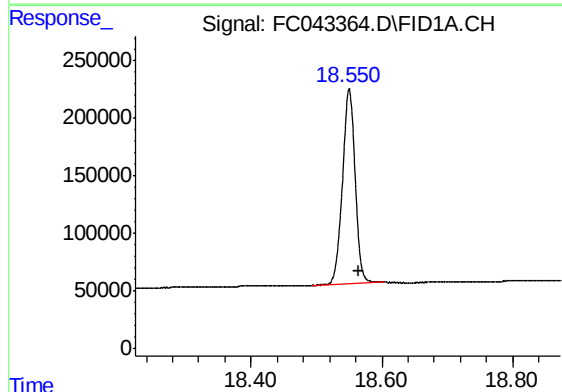
#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: -0.017 min
Response: 2317512
Conc: 18.87 ug/ml



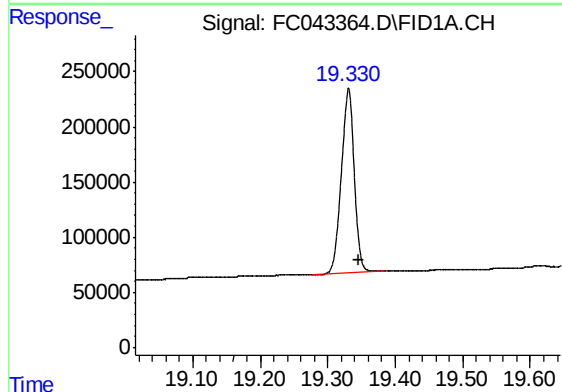
#17 n-Tricontane (C30)

R.T.: 17.721 min
Delta R.T.: -0.016 min
Response: 2335730
Conc: 19.37 ug/ml



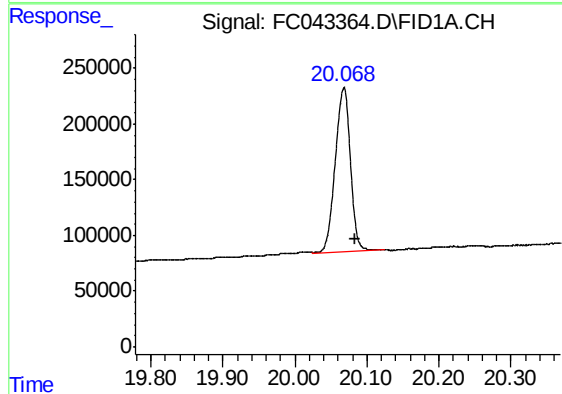
#18 n-Dotriacontane (C32)

R.T.: 18.550 min
Delta R.T.: -0.016 min
Response: 2277508
Conc: 19.97 ug/ml



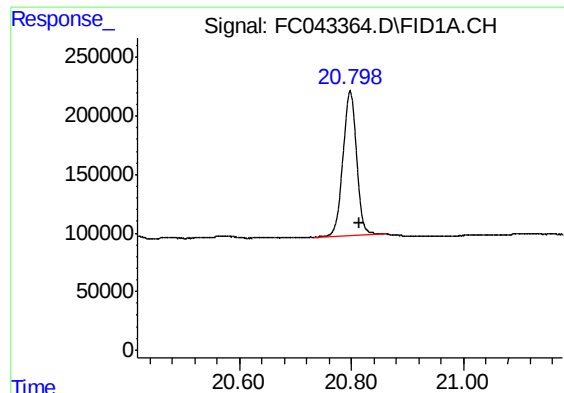
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: -0.016 min
Response: 2216631
Conc: 20.60 ug/ml



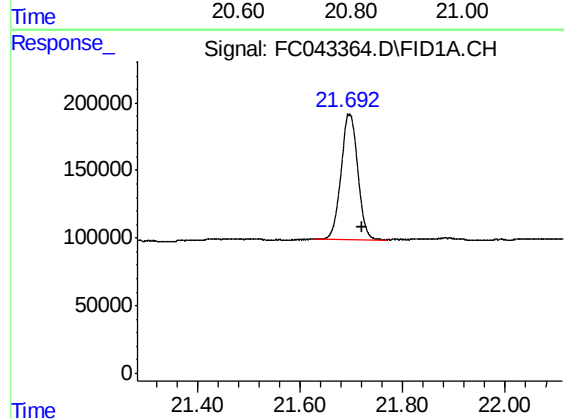
#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: -0.016 min
Response: 2155836
Conc: 20.48 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: -0.017 min
Response: 2089781
Conc: 22.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.694 min
Delta R.T.: -0.025 min
Response: 2099174
Conc: 21.73 ug/ml