

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101619AL\
 Data File : FC044045.D
 Signal(s) : FID1A.CH
 Acq On : 17 Oct 2019 2:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 17 06:50:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 12 00:05:39 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)	11.564	3013545	19.855 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
12) S 1-chlorooctadecane (S...	12.984	2307665	19.464 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T n-Nonane (C9)	3.419	2705883	22.380 ug/ml
2) T n-Decane (C10)	4.471	2787345	23.028 ug/ml
3) T A~Naphthalene (C11.7)	6.052	2661699	22.608 ug/ml
4) T n-Dodecane (C12)	6.462	2945227	23.286 ug/ml
5) T A~2-methylnaphthalene...	7.096	2630546	21.830 ug/ml
6) T n-Tetradecane (C14)	8.235	2959983	22.995 ug/ml
7) T n-Hexadecane (C16)	9.817	2957035	22.458 ug/ml
8) T n-Octadecane (C18)	11.245	2898961	21.255 ug/ml
10) T n-Eicosane (C20)	12.541	2818605	20.194 ug/ml
11) T n-Heneicosane (C21)	13.149	2785131	19.598 ug/ml
13) T n-Docosane (C22)	13.730	2716848	19.121 ug/ml
14) T n-Tetracosane (C24)	14.824	2641937	18.403 ug/ml
15) T n-Hexacosane (C26)	15.840	2591729	18.124 ug/ml
16) T n-Octacosane (C28)	16.783	2612341	18.428 ug/ml
17) T n-Tricontane (C30)	17.664	2708260	19.311 ug/ml
18) T n-Dotriacontane (C32)	18.490	2686898	20.227 ug/ml
19) T n-Tetratriacontane (C34)	19.270	2589550	20.726 ug/ml
21) T n-Octatriacontane (C38)	20.725	2350872	22.088 ug/ml
22) T n-Tetracontane (C40)	21.602	2393587	22.893 ug/ml

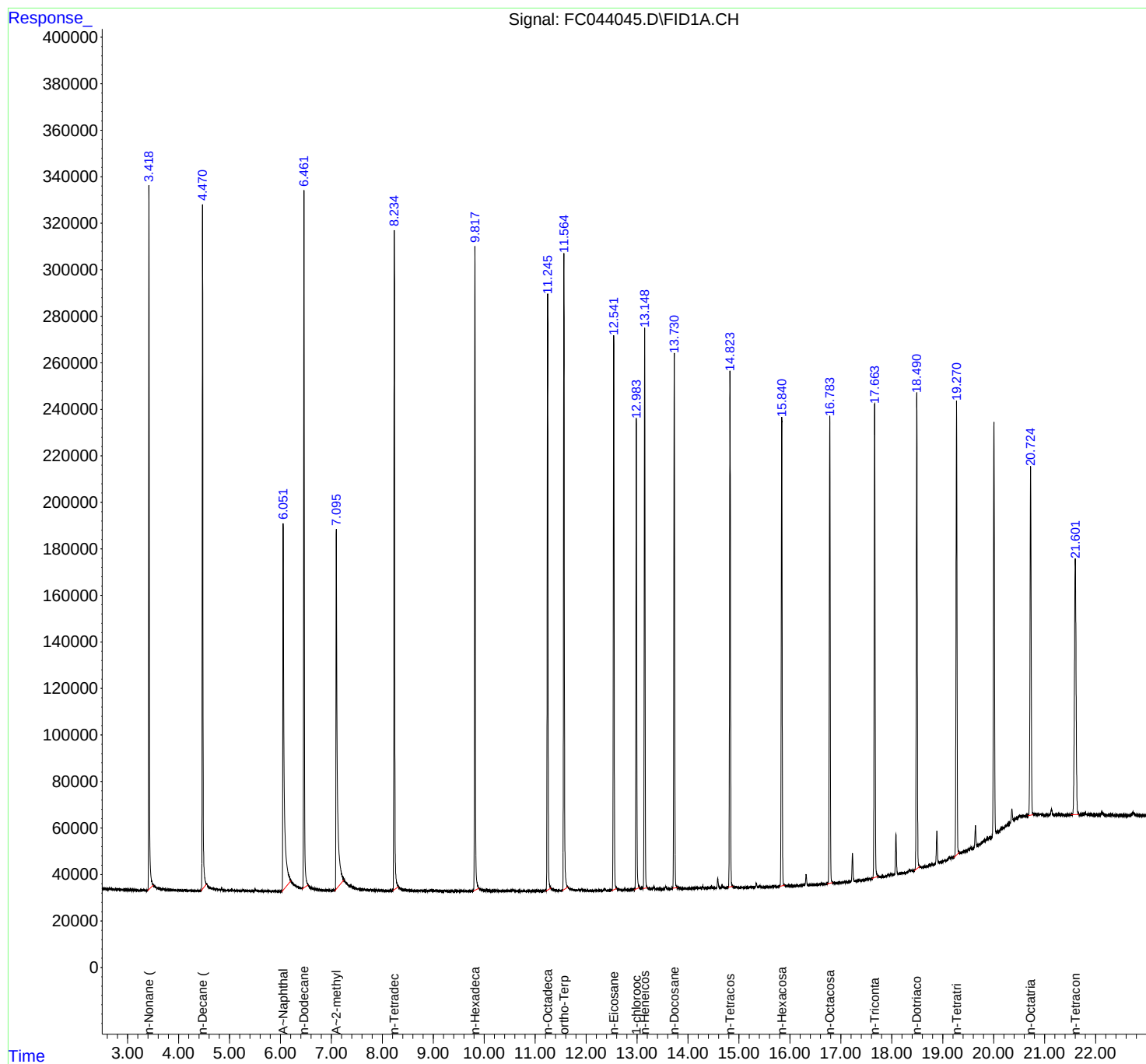
(f)=RT Delta > 1/2 Window

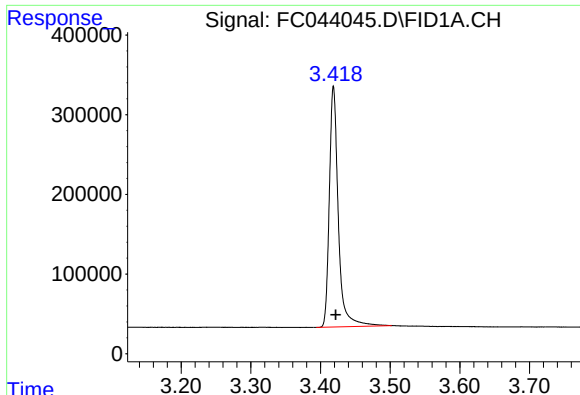
(m)=manual int.

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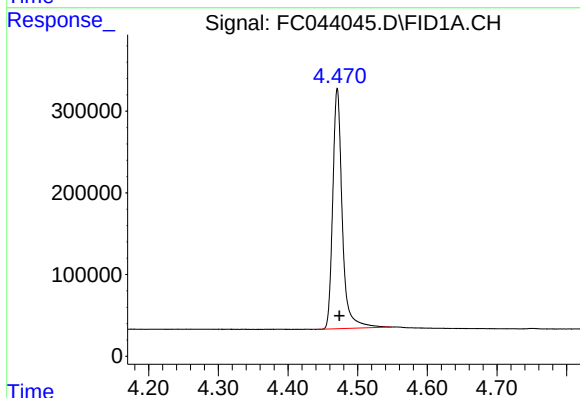
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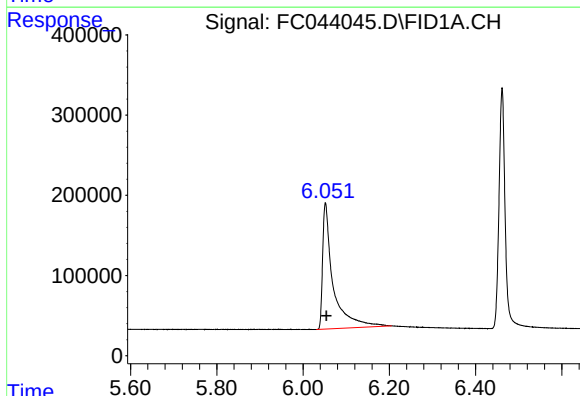
#1 n-Nonane (C9)

R.T.: 3.419 min
Delta R.T.: -0.003 min
Response: 2705883
Conc: 22.38 ug/ml



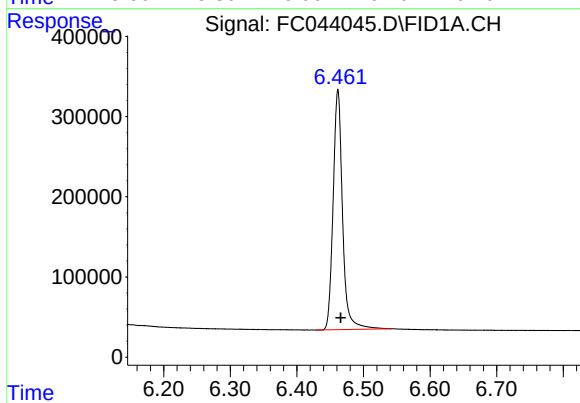
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.003 min
Response: 2787345
Conc: 23.03 ug/ml



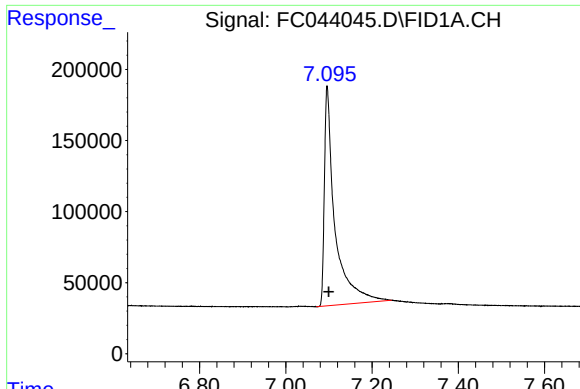
#3 A~Naphthalene (C11.7)

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 2661699
Conc: 22.61 ug/ml



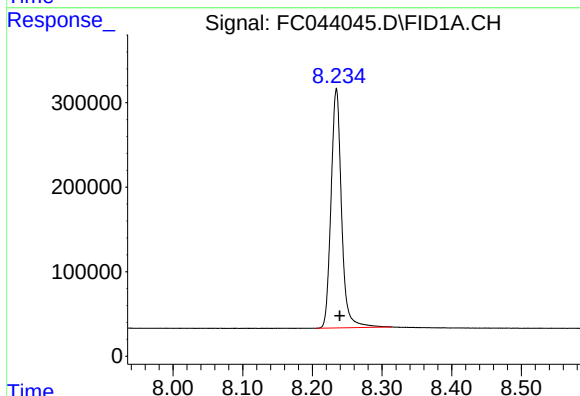
#4 n-Dodecane (C12)

R.T.: 6.462 min
Delta R.T.: -0.004 min
Response: 2945227
Conc: 23.29 ug/ml



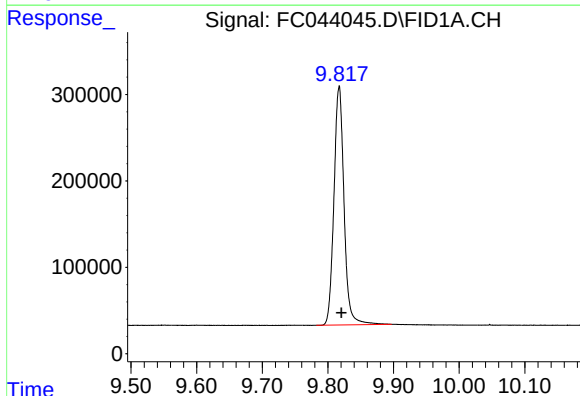
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.096 min
Delta R.T.: -0.003 min
Response: 2630546
Conc: 21.83 ug/ml



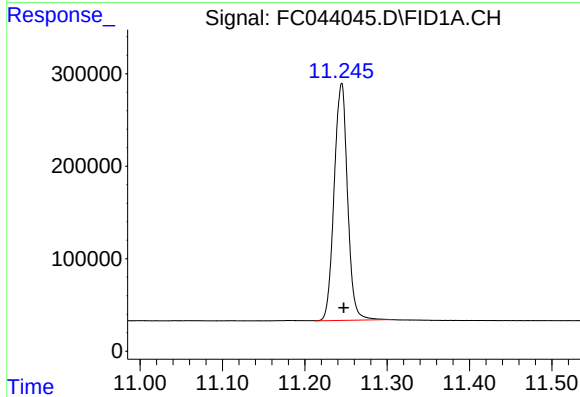
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: -0.005 min
Response: 2959983
Conc: 23.00 ug/ml



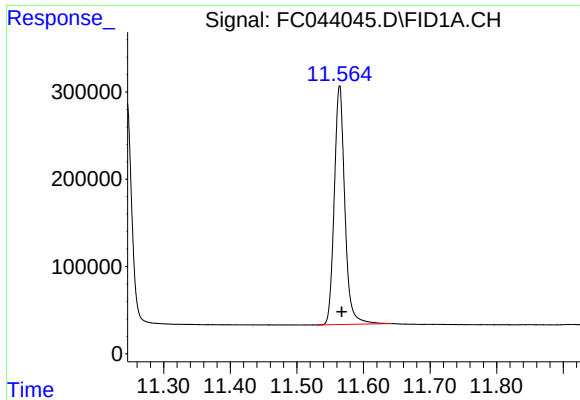
#7 n-Hexadecane (C16)

R.T.: 9.817 min
Delta R.T.: -0.004 min
Response: 2957035
Conc: 22.46 ug/ml



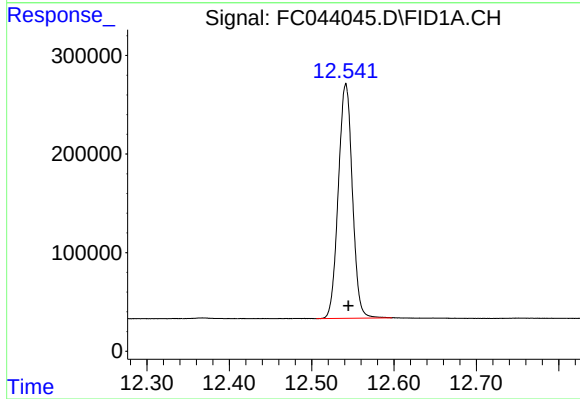
#8 n-Octadecane (C18)

R.T.: 11.245 min
Delta R.T.: -0.003 min
Response: 2898961
Conc: 21.25 ug/ml



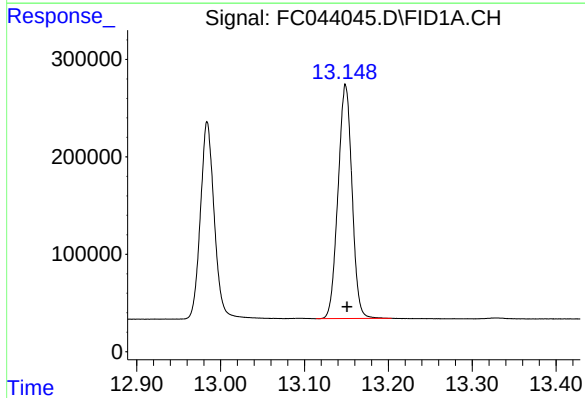
#9 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.003 min
Response: 3013545
Conc: 19.85 ug/ml



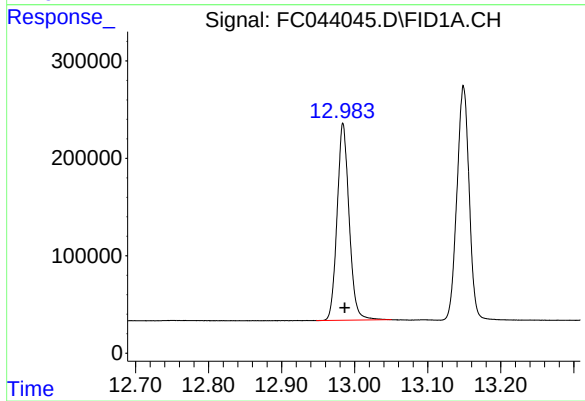
#10 n-Eicosane (C20)

R.T.: 12.541 min
Delta R.T.: -0.003 min
Response: 2818605
Conc: 20.19 ug/ml



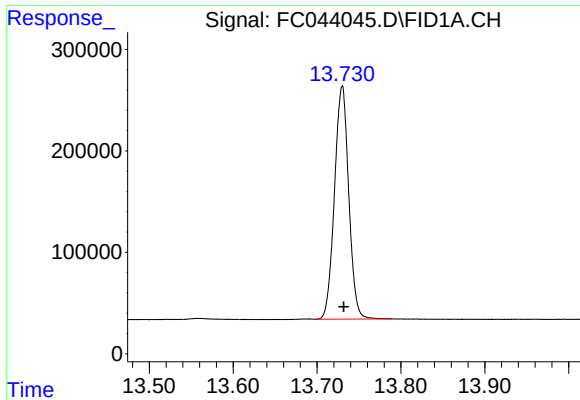
#11 n-Heneicosane (C21)

R.T.: 13.149 min
Delta R.T.: -0.002 min
Response: 2785131
Conc: 19.60 ug/ml



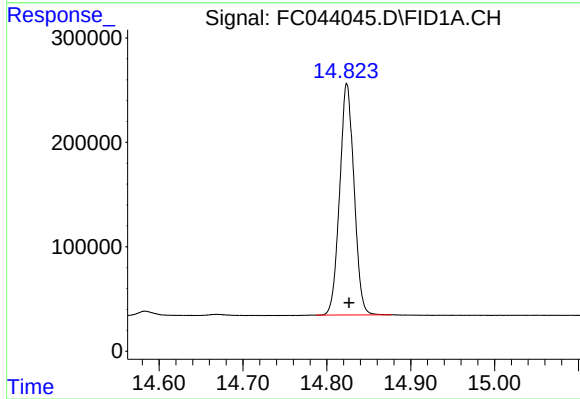
#12 1-chlorooctadecane (SURR)

R.T.: 12.984 min
Delta R.T.: -0.002 min
Response: 2307665
Conc: 19.46 ug/ml



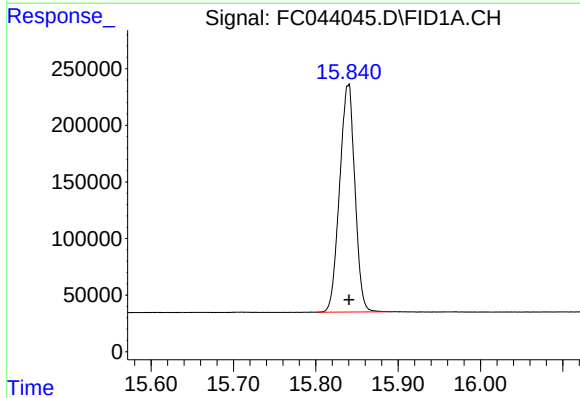
#13 n-Docosane (C22)

R.T.: 13.730 min
Delta R.T.: -0.002 min
Response: 2716848
Conc: 19.12 ug/ml



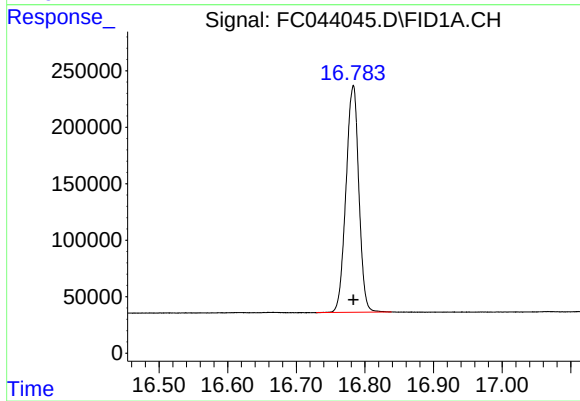
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: -0.003 min
Response: 2641937
Conc: 18.40 ug/ml



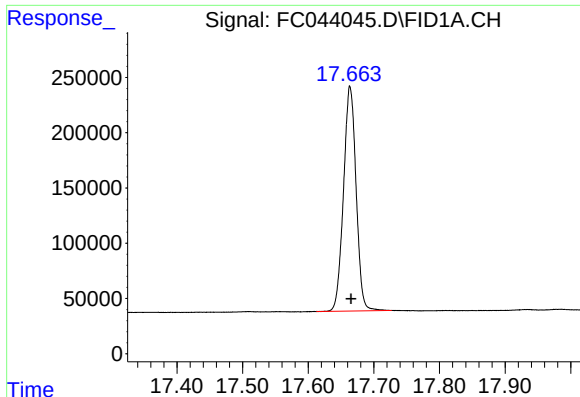
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: -0.001 min
Response: 2591729
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: 0.000 min
Response: 2612341
Conc: 18.43 ug/ml



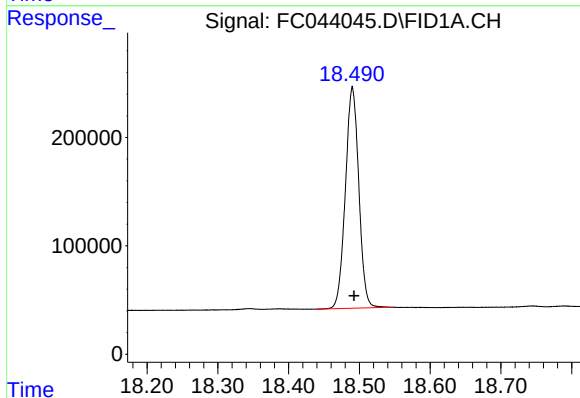
#17 n-Tricontane (C30)

R.T.: 17.664 min

Delta R.T.: -0.002 min

Response: 2708260

Conc: 19.31 ug/ml



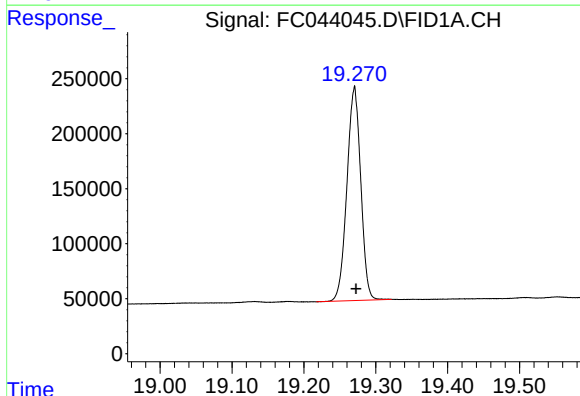
#18 n-Dotriacontane (C32)

R.T.: 18.490 min

Delta R.T.: -0.003 min

Response: 2686898

Conc: 20.23 ug/ml



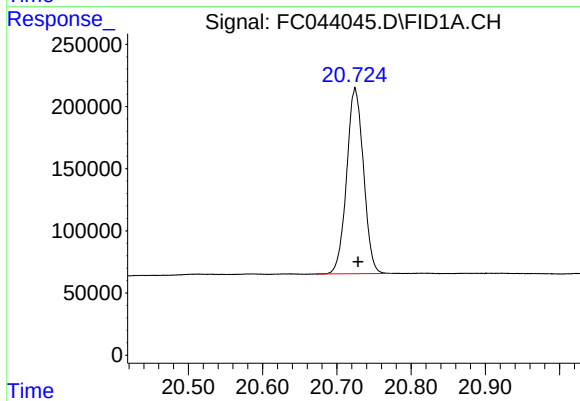
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min

Delta R.T.: -0.002 min

Response: 2589550

Conc: 20.73 ug/ml



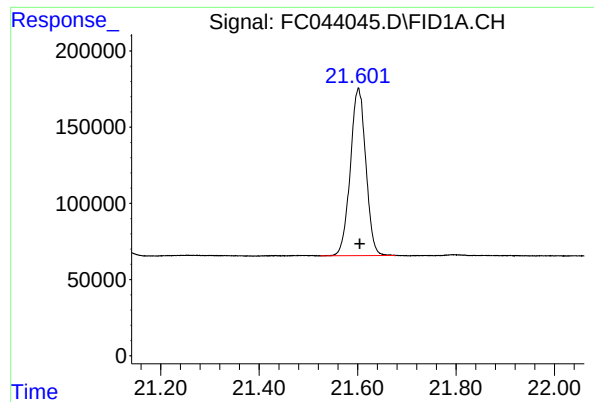
#21 n-Octatriacontane (C38)

R.T.: 20.725 min

Delta R.T.: -0.004 min

Response: 2350872

Conc: 22.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: -0.003 min
Response: 2393587
Conc: 22.89 ug/ml