

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101619AL\
 Data File : FC044025.D
 Signal(s) : FID1A.CH
 Acq On : 16 Oct 2019 14:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 17 00:43:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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	2998057	19.753 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
12) S 1-chlorooctadecane (S...	12.984	2292646	19.337 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
Target Compounds			
1) T n-Nonane (C9)	3.415	2705796	22.380 ug/ml
2) T n-Decane (C10)	4.469	2791971	23.067 ug/ml
3) T A~Naphthalene (C11.7)	6.050	2641632	22.437 ug/ml
4) T n-Dodecane (C12)	6.461	2940581	23.249 ug/ml
5) T A~2-methylnaphthalene...	7.095	2644374	21.944 ug/ml
6) T n-Tetradecane (C14)	8.233	2945819	22.885 ug/ml
7) T n-Hexadecane (C16)	9.816	2946701	22.379 ug/ml
8) T n-Octadecane (C18)	11.244	2891403	21.199 ug/ml
10) T n-Eicosane (C20)	12.542	2801176	20.069 ug/ml
11) T n-Heneicosane (C21)	13.148	2770291	19.493 ug/ml
13) T n-Docosane (C22)	13.729	2695955	18.974 ug/ml
14) T n-Tetracosane (C24)	14.824	2624997	18.285 ug/ml
15) T n-Hexacosane (C26)	15.838	2573208	17.995 ug/ml
16) T n-Octacosane (C28)	16.783	2588418	18.260 ug/ml
17) T n-Tricontane (C30)	17.666	2667019	19.017 ug/ml
18) T n-Dotriacontane (C32)	18.493	2632880	19.821 ug/ml
19) T n-Tetratriacontane (C34)	19.273	2561756	20.503 ug/ml
20) T n-Hexatriacontane (C36)	20.007	2460334	21.286 ug/ml
21) T n-Octatriacontane (C38)	20.727	2329302	21.885 ug/ml
22) T n-Tetracontane (C40)	21.605	2375130	22.716 ug/ml

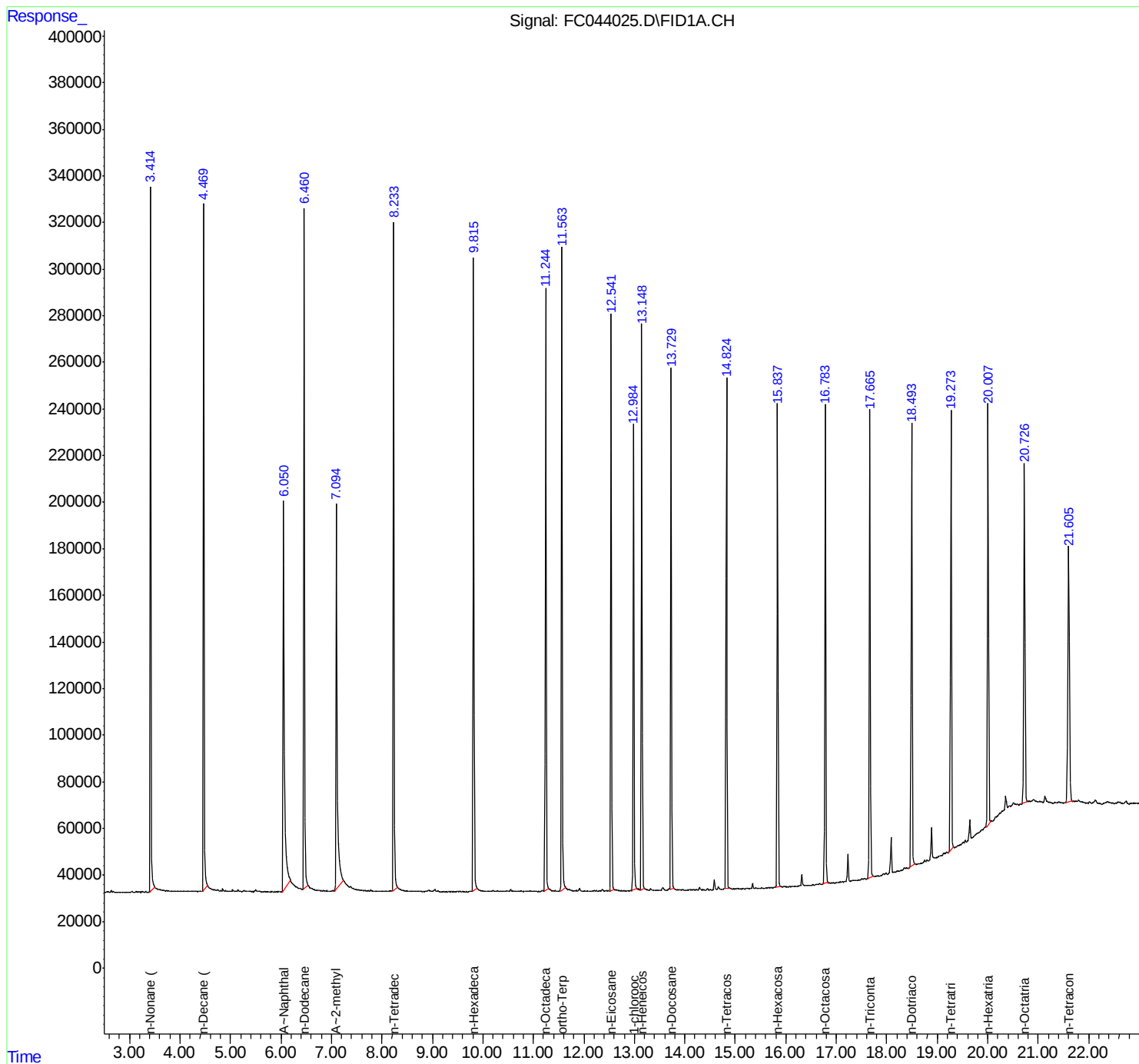
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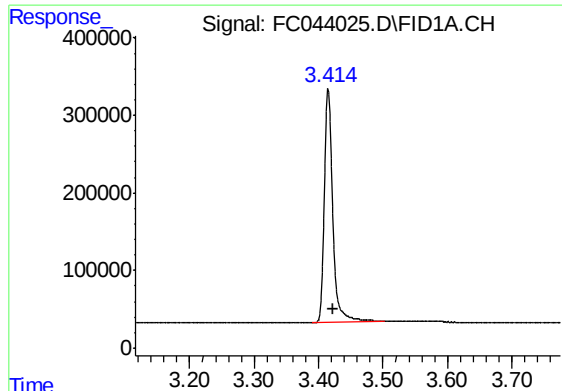
(m)=manual int.

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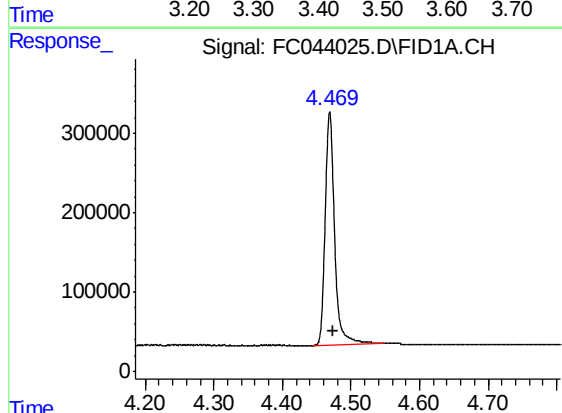
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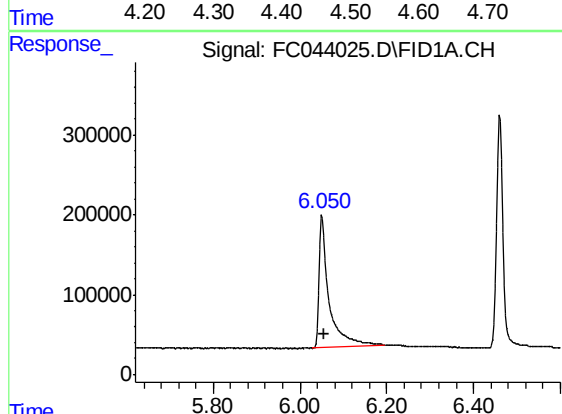
#1 n-Nonane (C9)

R.T.: 3.415 min
Delta R.T.: -0.007 min
Response: 2705796
Conc: 22.38 ug/ml



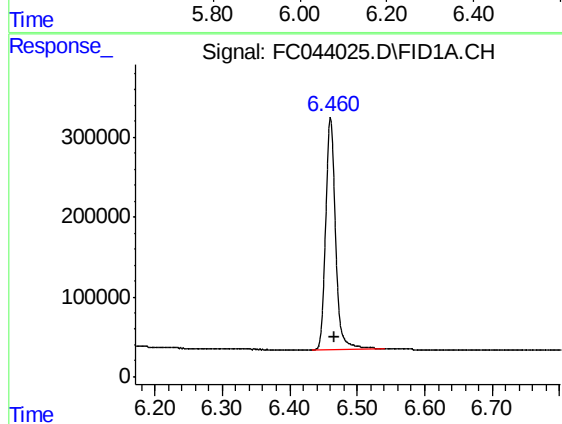
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.005 min
Response: 2791971
Conc: 23.07 ug/ml



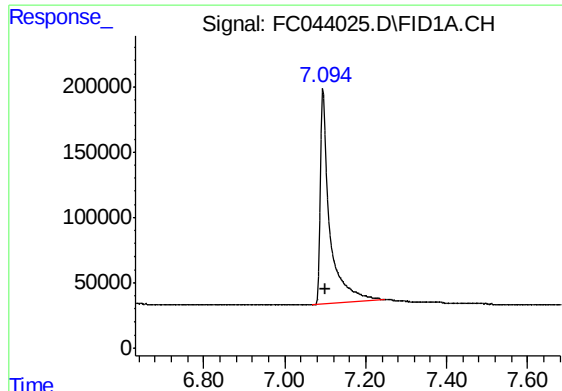
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.004 min
Response: 2641632
Conc: 22.44 ug/ml



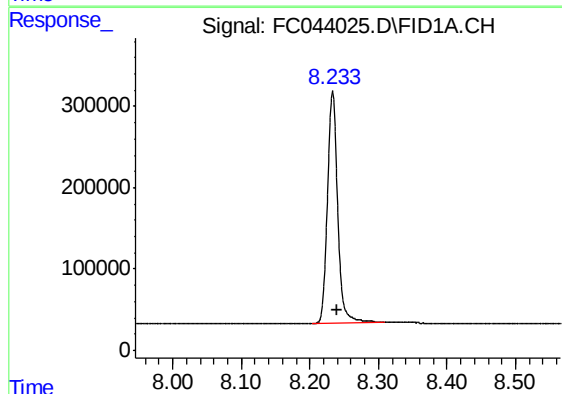
#4 n-Dodecane (C12)

R.T.: 6.461 min
Delta R.T.: -0.005 min
Response: 2940581
Conc: 23.25 ug/ml



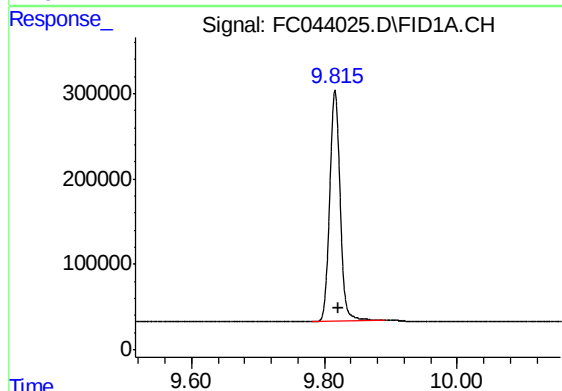
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: -0.005 min
Response: 2644374
Conc: 21.94 ug/ml



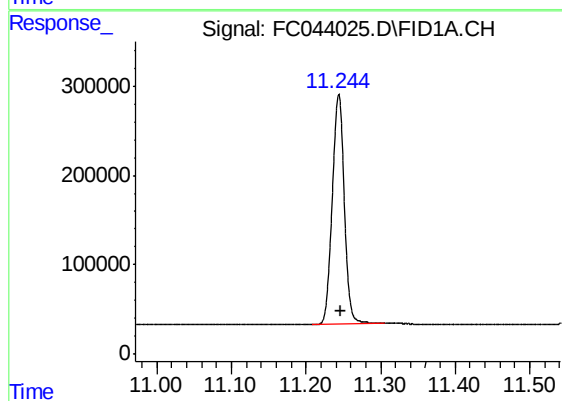
#6 n-Tetradecane (C14)

R.T.: 8.233 min
Delta R.T.: -0.006 min
Response: 2945819
Conc: 22.89 ug/ml



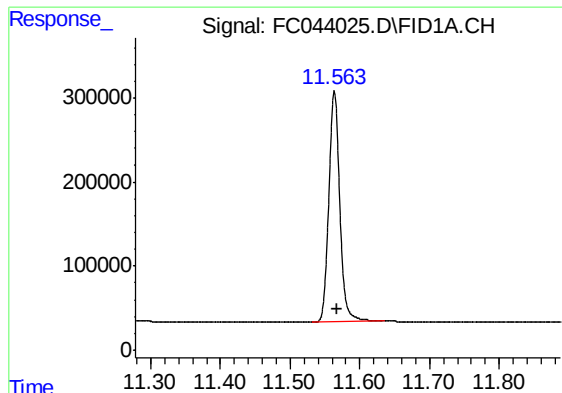
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: -0.005 min
Response: 2946701
Conc: 22.38 ug/ml



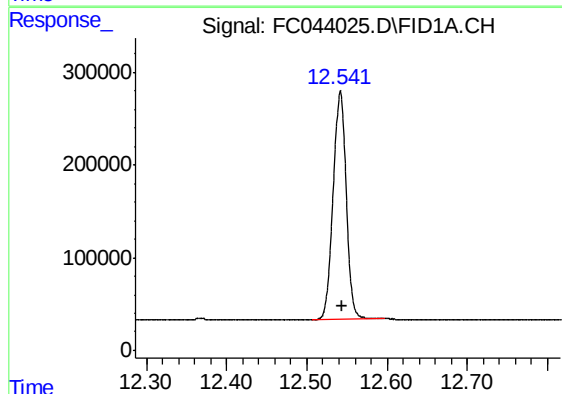
#8 n-Octadecane (C18)

R.T.: 11.244 min
Delta R.T.: -0.003 min
Response: 2891403
Conc: 21.20 ug/ml



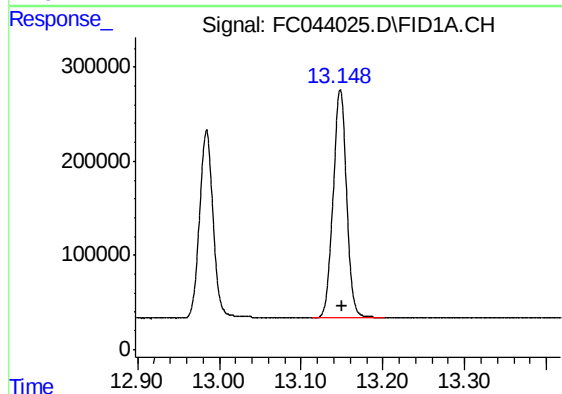
#9 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.004 min
Response: 2998057
Conc: 19.75 ug/ml



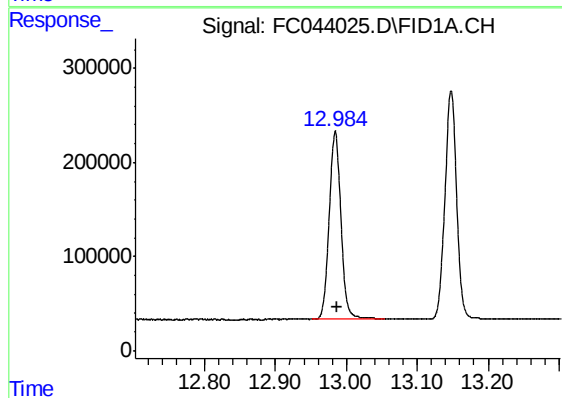
#10 n-Eicosane (C20)

R.T.: 12.542 min
Delta R.T.: -0.002 min
Response: 2801176
Conc: 20.07 ug/ml



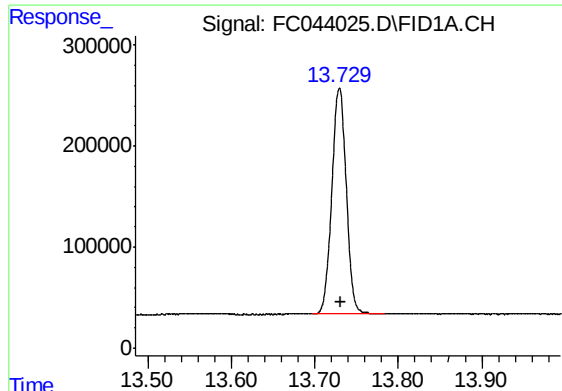
#11 n-Heneicosane (C21)

R.T.: 13.148 min
Delta R.T.: -0.003 min
Response: 2770291
Conc: 19.49 ug/ml



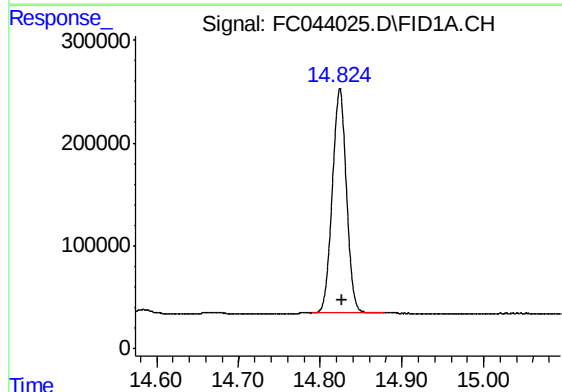
#12 1-chlorooctadecane (SURR)

R.T.: 12.984 min
Delta R.T.: -0.002 min
Response: 2292646
Conc: 19.34 ug/ml



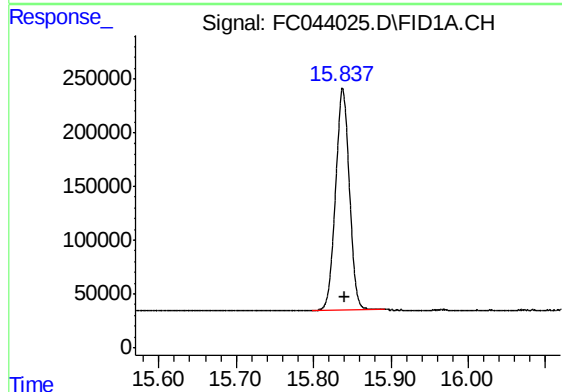
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.002 min
Response: 2695955
Conc: 18.97 ug/ml



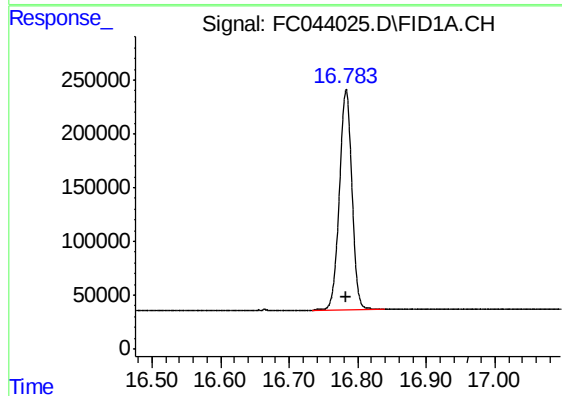
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: -0.002 min
Response: 2624997
Conc: 18.29 ug/ml



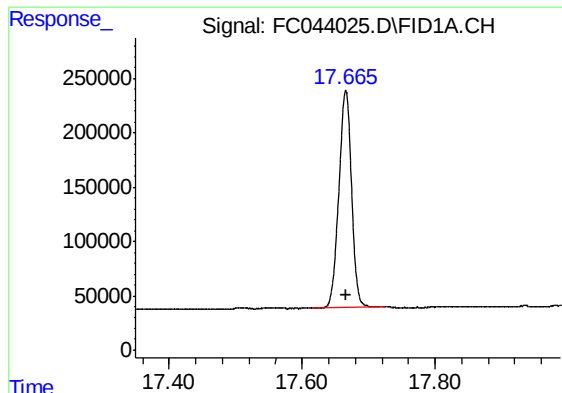
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: -0.003 min
Response: 2573208
Conc: 17.99 ug/ml



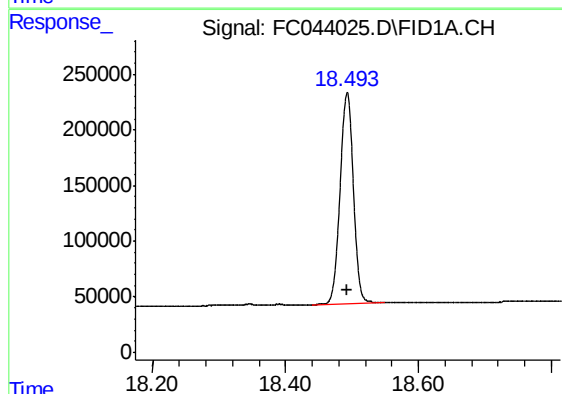
#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: 0.000 min
Response: 2588418
Conc: 18.26 ug/ml



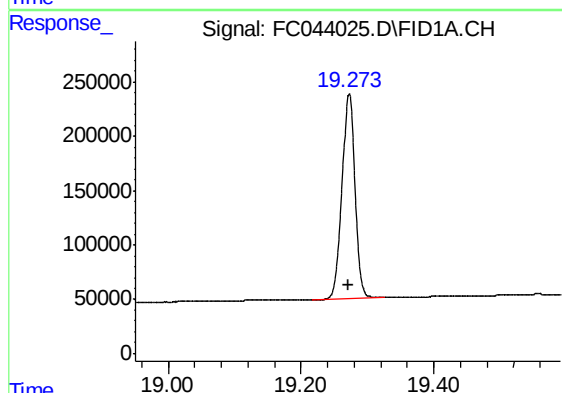
#17 n-Tricontane (C30)

R.T.: 17.666 min
Delta R.T.: 0.000 min
Response: 2667019
Conc: 19.02 ug/ml



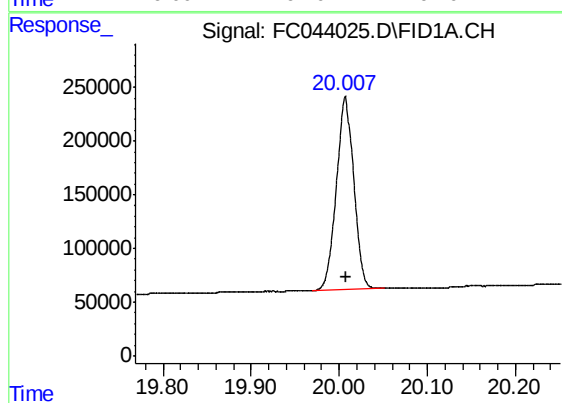
#18 n-Dotriacontane (C32)

R.T.: 18.493 min
Delta R.T.: 0.000 min
Response: 2632880
Conc: 19.82 ug/ml



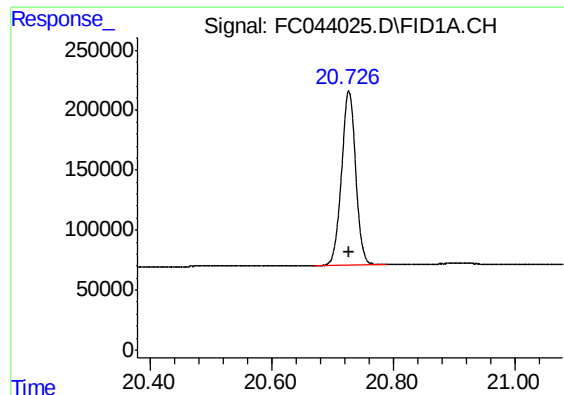
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: 0.000 min
Response: 2561756
Conc: 20.50 ug/ml



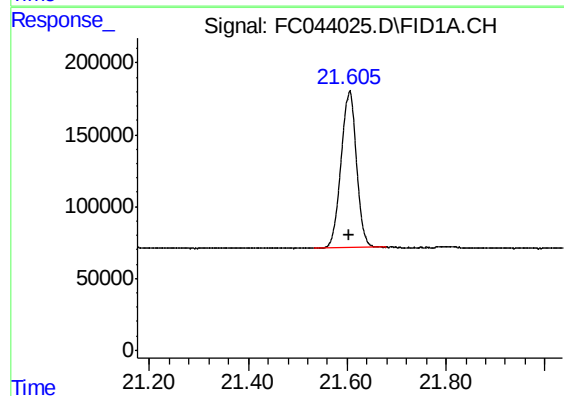
#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: 0.000 min
Response: 2460334
Conc: 21.29 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: -0.002 min
Response: 2329302
Conc: 21.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: 0.000 min
Response: 2375130
Conc: 22.72 ug/ml