

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101819AL\
 Data File : FC044092.D
 Signal(s) : FID1A.CH
 Acq On : 18 Oct 2019 9:36
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 21 10:21:44 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)	11.559	2960359	19.504 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
12) S 1-chlorooctadecane (S...	12.978	2259454	19.057 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
Target Compounds			
1) T n-Nonane (C9)	3.417	2624842	21.710 ug/ml
2) T n-Decane (C10)	4.468	2711990	22.406 ug/ml
3) T A~Naphthalene (C11.7)	6.049	2573489	21.858 ug/ml
4) T n-Dodecane (C12)	6.458	2870483	22.695 ug/ml
5) T A~2-methylnaphthalene...	7.093	2550138	21.162 ug/ml
6) T n-Tetradecane (C14)	8.230	2892856	22.474 ug/ml
7) T n-Hexadecane (C16)	9.812	2898849	22.016 ug/ml
8) T n-Octadecane (C18)	11.238	2848190	20.882 ug/ml
10) T n-Eicosane (C20)	12.535	2762121	19.790 ug/ml
11) T n-Heneicosane (C21)	13.142	2735335	19.247 ug/ml
13) T n-Docosane (C22)	13.723	2661307	18.730 ug/ml
14) T n-Tetracosane (C24)	14.817	2596647	18.088 ug/ml
15) T n-Hexacosane (C26)	15.831	2557167	17.883 ug/ml
16) T n-Octacosane (C28)	16.773	2596710	18.318 ug/ml
17) T n-Tricontane (C30)	17.655	2736125	19.509 ug/ml
18) T n-Dotriacontane (C32)	18.484	2721063	20.484 ug/ml
19) T n-Tetratriacontane (C34)	19.262	2625045	21.010 ug/ml
21) T n-Octatriacontane (C38)	20.715	2347833	22.059 ug/ml
22) T n-Tetracontane (C40)	21.590	2369016	22.658 ug/ml

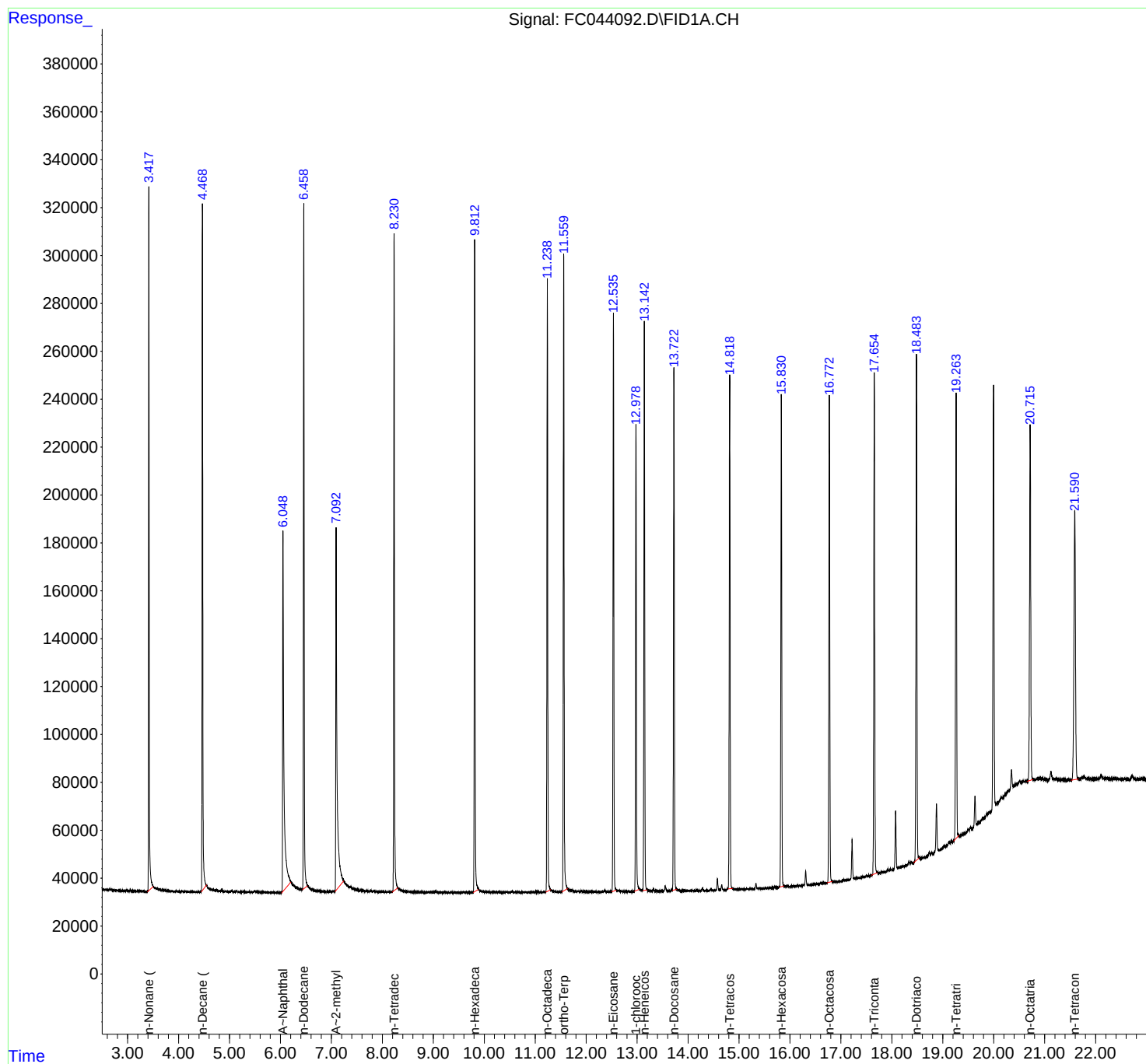
(f)=RT Delta > 1/2 Window

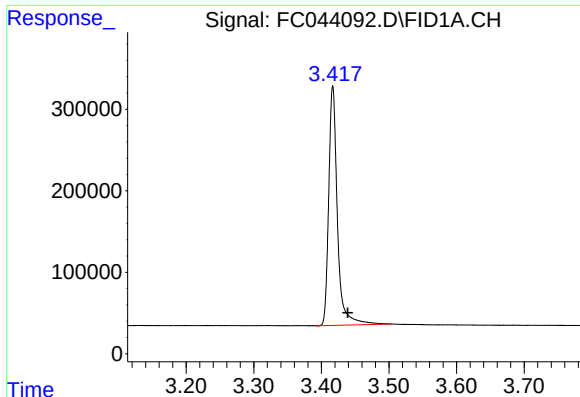
(m)=manual int.

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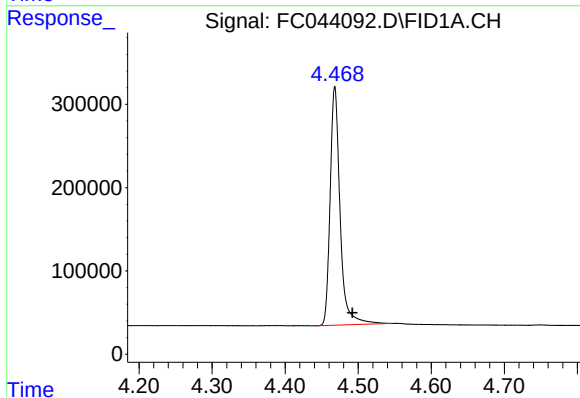
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





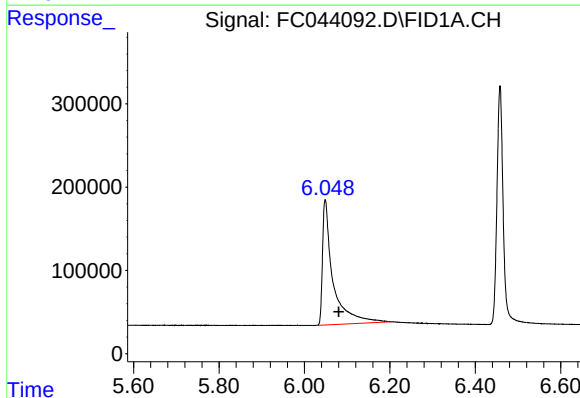
#1 n-Nonane (C9)

R.T.: 3.417 min
Delta R.T.: -0.022 min
Response: 2624842
Conc: 21.71 ug/ml



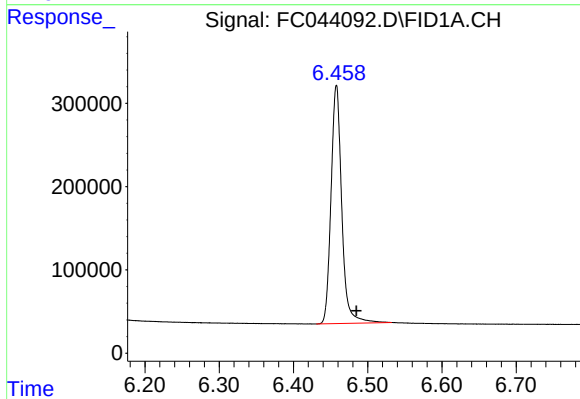
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.024 min
Response: 2711990
Conc: 22.41 ug/ml



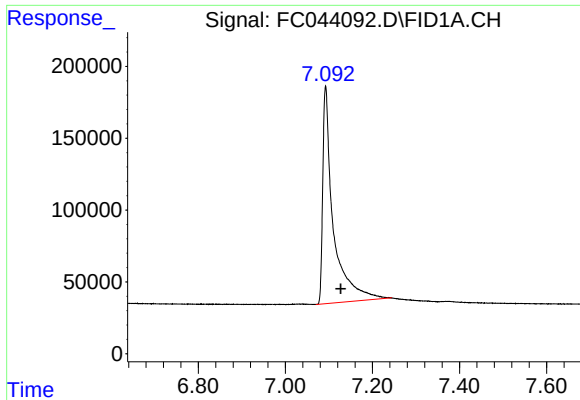
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.032 min
Response: 2573489
Conc: 21.86 ug/ml



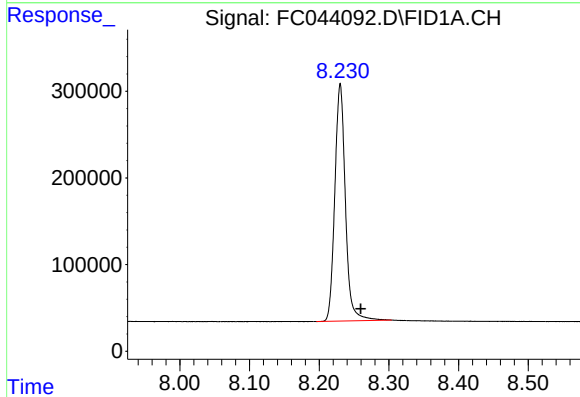
#4 n-Dodecane (C12)

R.T.: 6.458 min
Delta R.T.: -0.027 min
Response: 2870483
Conc: 22.70 ug/ml



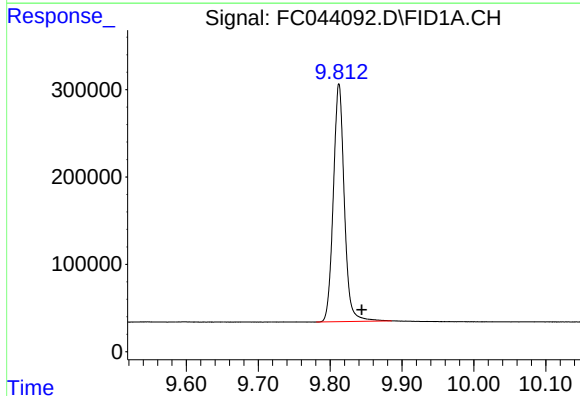
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: -0.035 min
Response: 2550138
Conc: 21.16 ug/ml



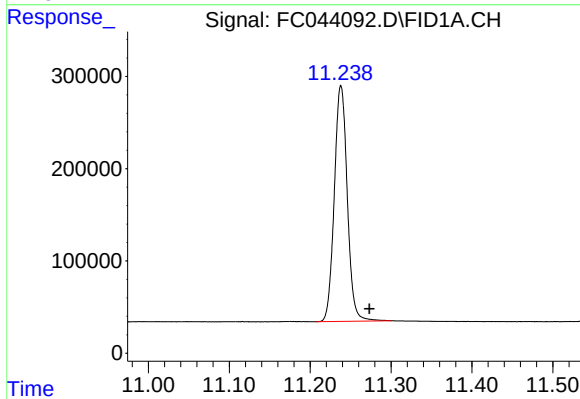
#6 n-Tetradecane (C14)

R.T.: 8.230 min
Delta R.T.: -0.029 min
Response: 2892856
Conc: 22.47 ug/ml



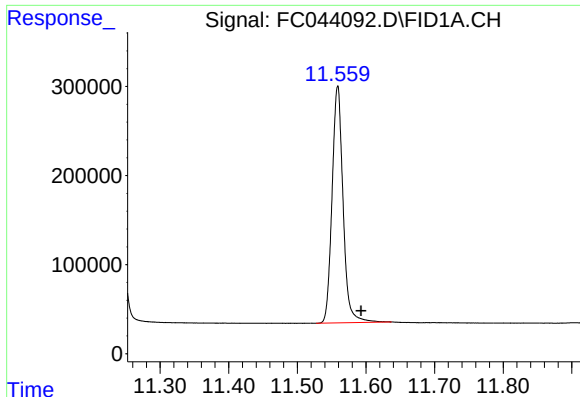
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: -0.032 min
Response: 2898849
Conc: 22.02 ug/ml



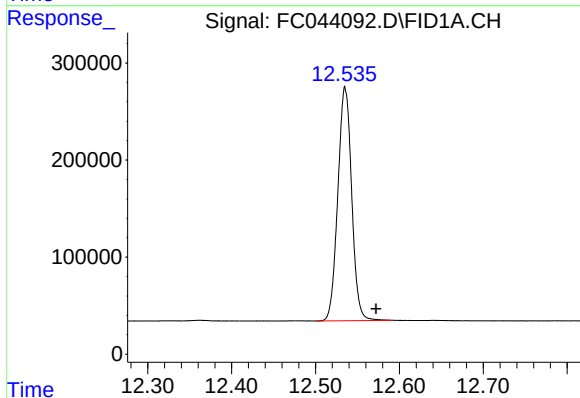
#8 n-Octadecane (C18)

R.T.: 11.238 min
Delta R.T.: -0.035 min
Response: 2848190
Conc: 20.88 ug/ml



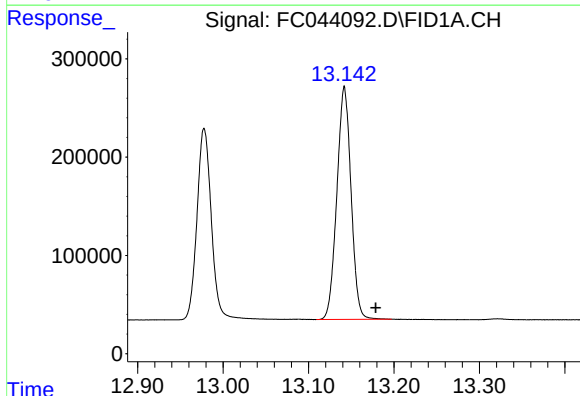
#9 ortho-Terphenyl (SURR)

R.T.: 11.559 min
Delta R.T.: -0.034 min
Response: 2960359
Conc: 19.50 ug/ml



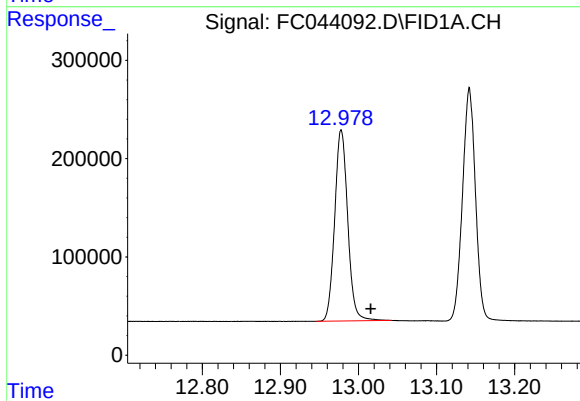
#10 n-Eicosane (C20)

R.T.: 12.535 min
Delta R.T.: -0.037 min
Response: 2762121
Conc: 19.79 ug/ml



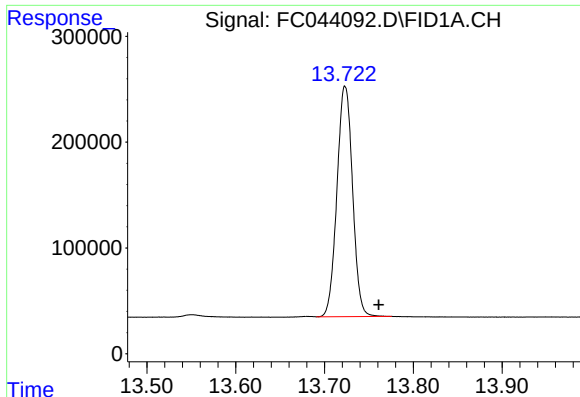
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: -0.037 min
Response: 2735335
Conc: 19.25 ug/ml



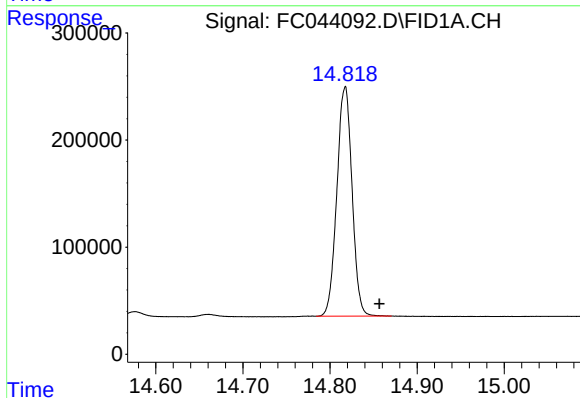
#12 1-chlorooctadecane (SURR)

R.T.: 12.978 min
Delta R.T.: -0.038 min
Response: 2259454
Conc: 19.06 ug/ml



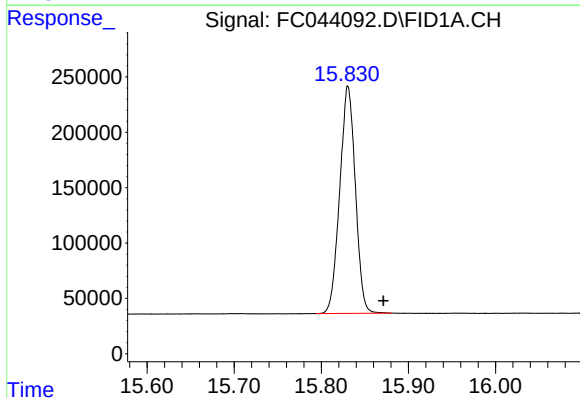
#13 n-Docosane (C22)

R.T.: 13.723 min
Delta R.T.: -0.038 min
Response: 2661307
Conc: 18.73 ug/ml



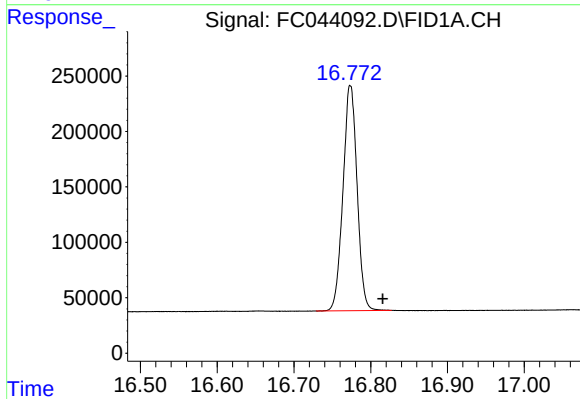
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: -0.039 min
Response: 2596647
Conc: 18.09 ug/ml



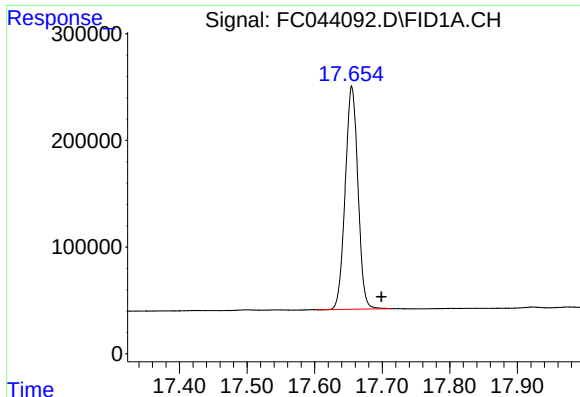
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: -0.041 min
Response: 2557167
Conc: 17.88 ug/ml



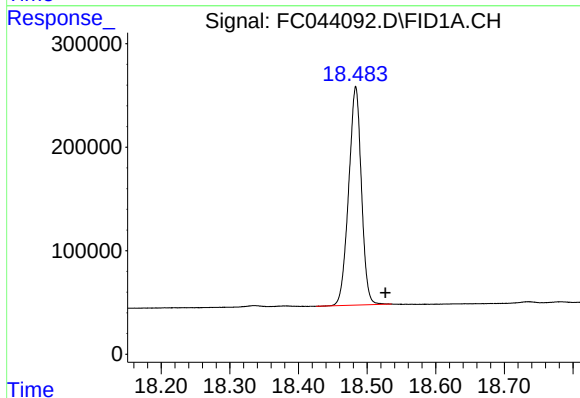
#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: -0.042 min
Response: 2596710
Conc: 18.32 ug/ml



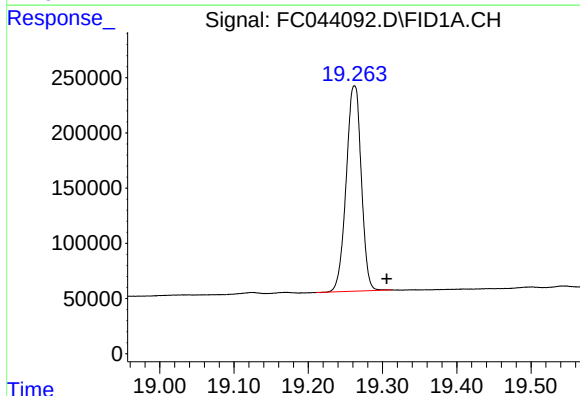
#17 n-Tricontane (C30)

R.T.: 17.655 min
Delta R.T.: -0.044 min
Response: 2736125
Conc: 19.51 ug/ml



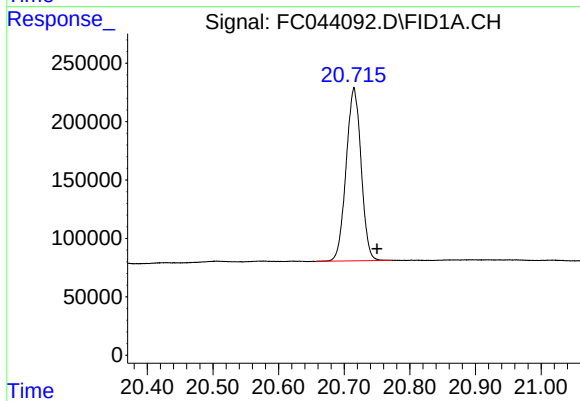
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: -0.043 min
Response: 2721063
Conc: 20.48 ug/ml



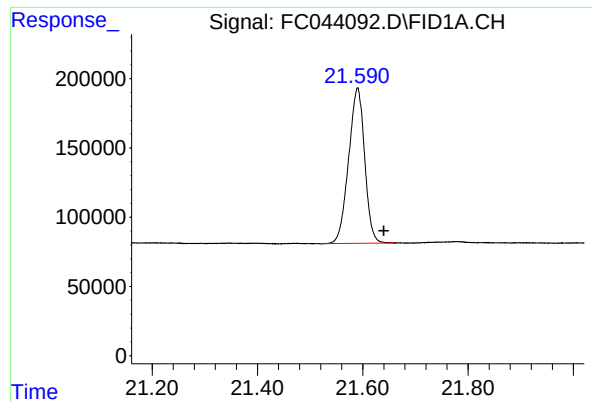
#19 n-Tetratriacontane (C34)

R.T.: 19.262 min
Delta R.T.: -0.043 min
Response: 2625045
Conc: 21.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.715 min
Delta R.T.: -0.035 min
Response: 2347833
Conc: 22.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: -0.050 min
Response: 2369016
Conc: 22.66 ug/ml