

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100723AL\
 Data File : FE044707.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2023 23:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 09 00:25:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.917	3721588	19.823 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
12) S 1-chlorooctadecane (S...	13.358	2709860	19.919 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.300	3143900	19.365 ug/ml
2) T n-Decane (C10)	4.551	3259564	19.685 ug/ml
3) T A~Naphthalene (C11.7)	6.252	3523270	19.707 ug/ml
4) T n-Dodecane (C12)	6.717	3292053	19.792 ug/ml
5) T A~2-methylnaphthalene...	7.348	3363747	19.661 ug/ml
6) T n-Tetradecane (C14)	8.545	3255670	19.831 ug/ml
7) T n-Hexadecane (C16)	10.155	3351753	19.785 ug/ml
8) T n-Octadecane (C18)	11.601	3362112	19.802 ug/ml
10) T n-Eicosane (C20)	12.913	3187531	19.812 ug/ml
11) T n-Heneicosane (C21)	13.527	3093803	19.758 ug/ml
13) T n-Docosane (C22)	14.114	3066635	19.883 ug/ml
14) T n-Tetracosane (C24)	15.218	3042575	20.127 ug/ml
15) T n-Hexacosane (C26)	16.241	2986730	20.305 ug/ml
16) T n-Octacosane (C28)	17.193	3065186	21.372 ug/ml
17) T n-Tricontane (C30)	18.082	3416184	23.046 ug/ml
18) T n-Dotriacontane (C32)	18.917	3565090	24.083 ug/ml
19) T n-Tetratriacontane (C34)	19.702	3404308	23.294 ug/ml
20) T n-Hexatriacontane (C36)	20.445	3266304	22.518 ug/ml
21) T n-Octatriacontane (C38)	21.187	3274021	21.858 ug/ml
22) T n-Tetracontane (C40)	22.109	3296464	20.889 ug/ml

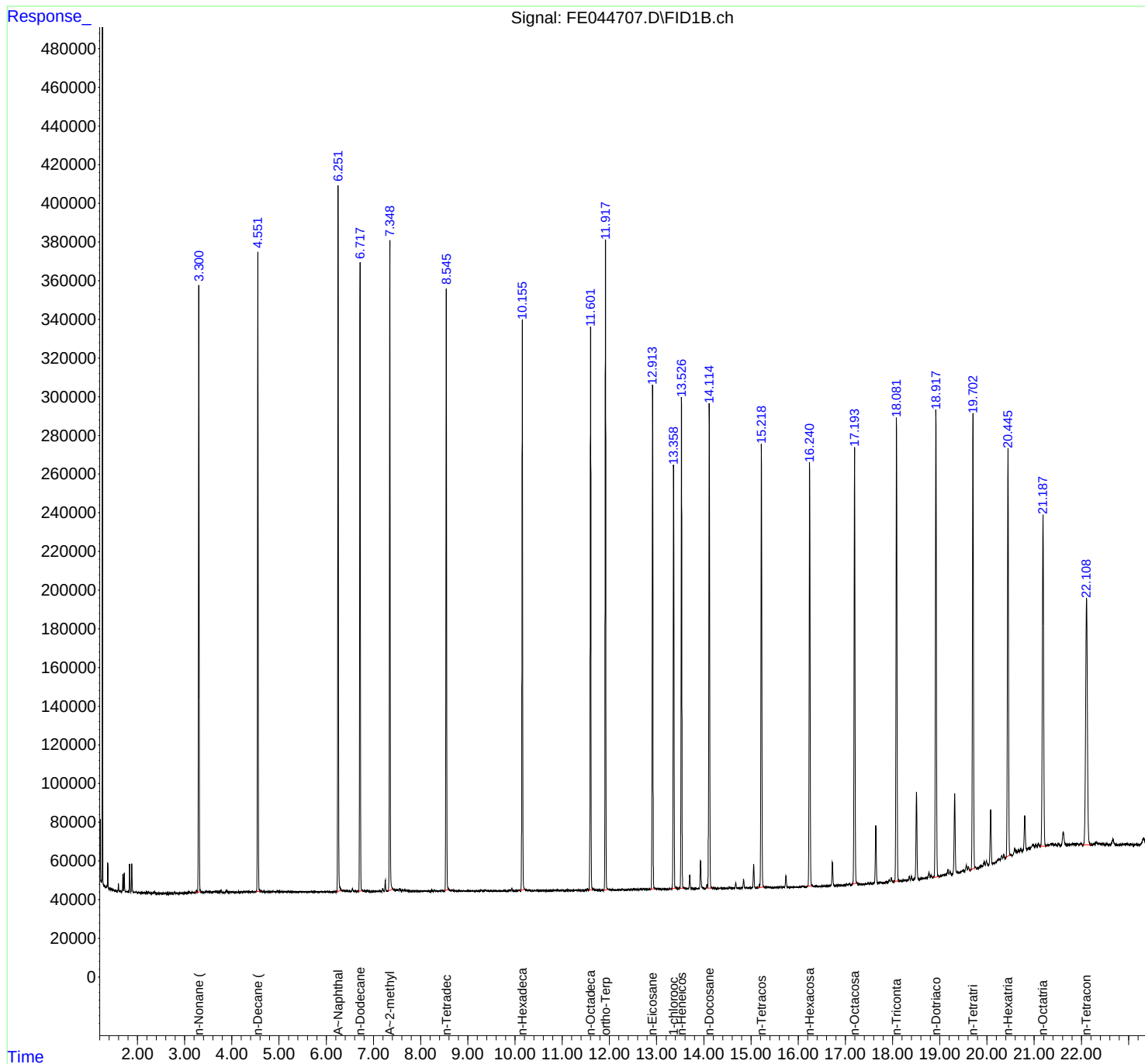
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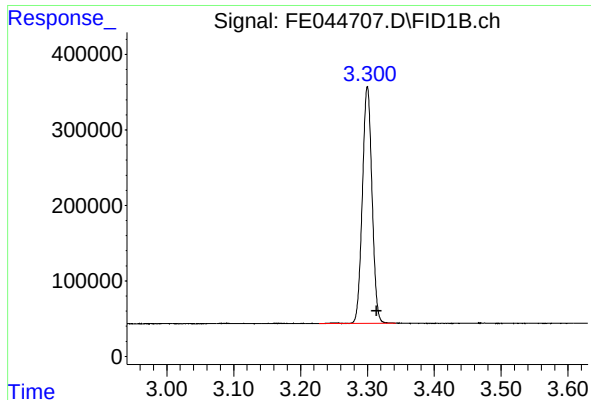
(m)=manual int.

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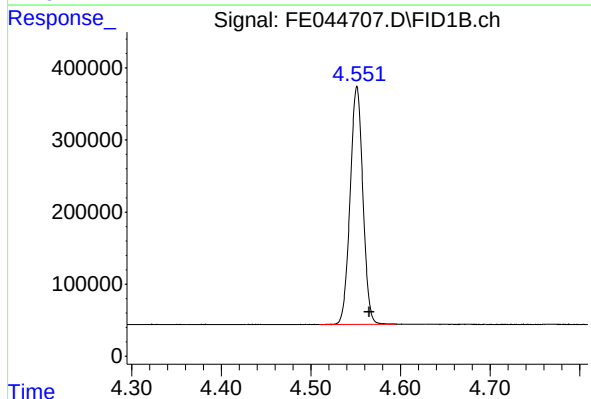
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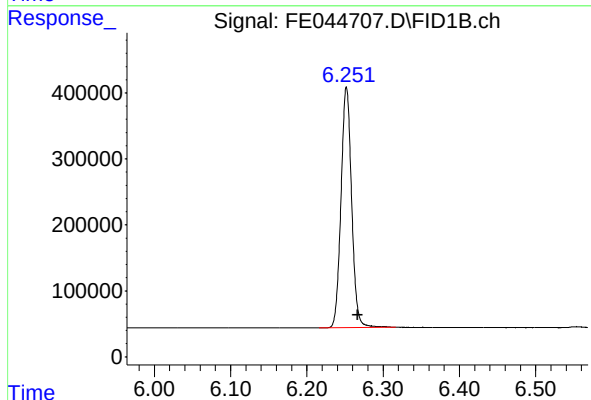
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: -0.014 min
Response: 3143900
Conc: 19.36 ug/ml



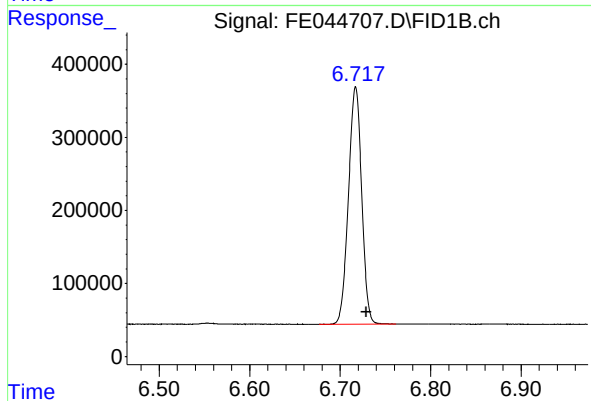
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: -0.014 min
Response: 3259564
Conc: 19.68 ug/ml



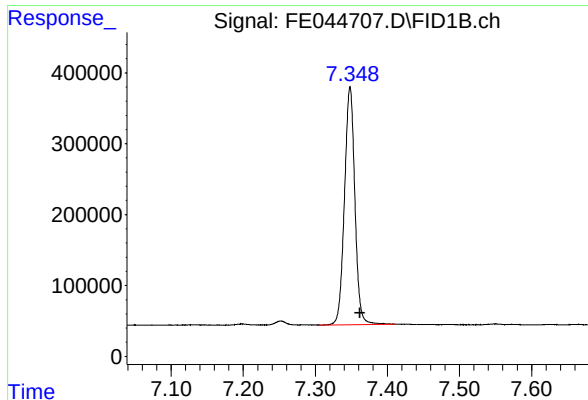
#3 A~Naphthalene (C11.7)

R.T.: 6.252 min
Delta R.T.: -0.015 min
Response: 3523270
Conc: 19.71 ug/ml



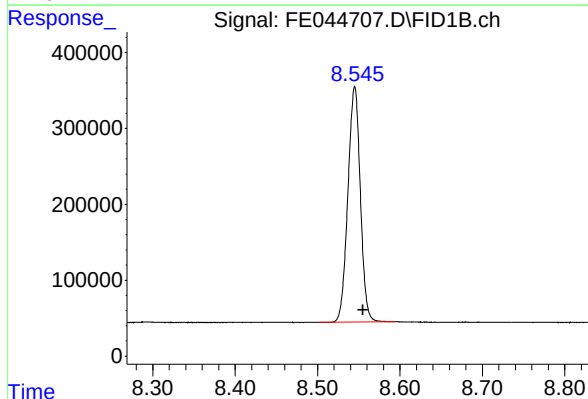
#4 n-Dodecane (C12)

R.T.: 6.717 min
Delta R.T.: -0.012 min
Response: 3292053
Conc: 19.79 ug/ml



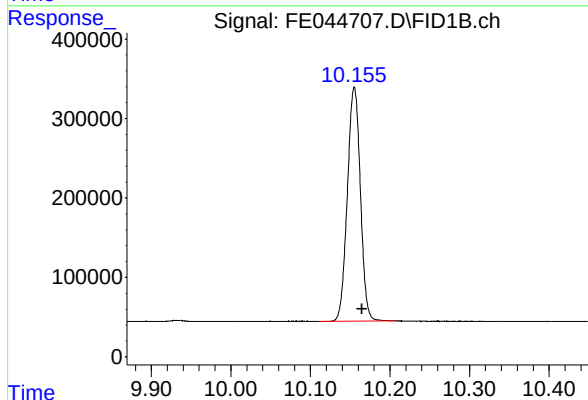
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.348 min
Delta R.T.: -0.014 min
Response: 3363747
Conc: 19.66 ug/ml



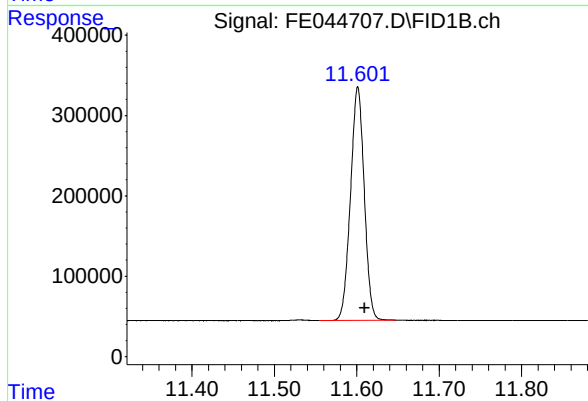
#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.010 min
Response: 3255670
Conc: 19.83 ug/ml



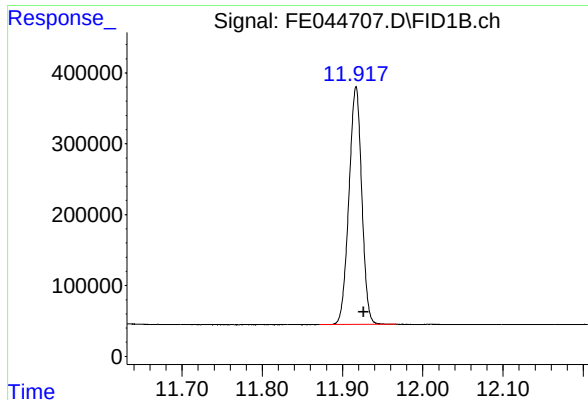
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: -0.009 min
Response: 3351753
Conc: 19.79 ug/ml



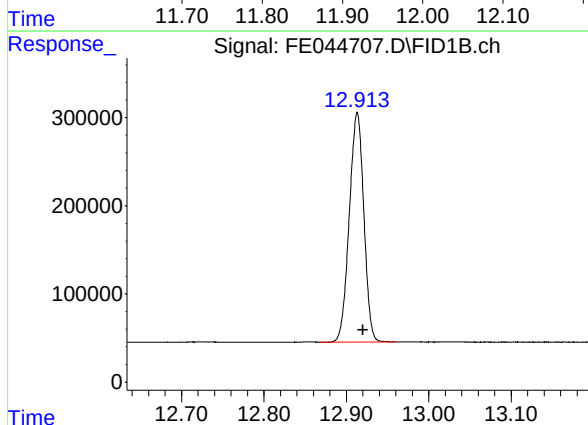
#8 n-Octadecane (C18)

R.T.: 11.601 min
Delta R.T.: -0.008 min
Response: 3362112
Conc: 19.80 ug/ml



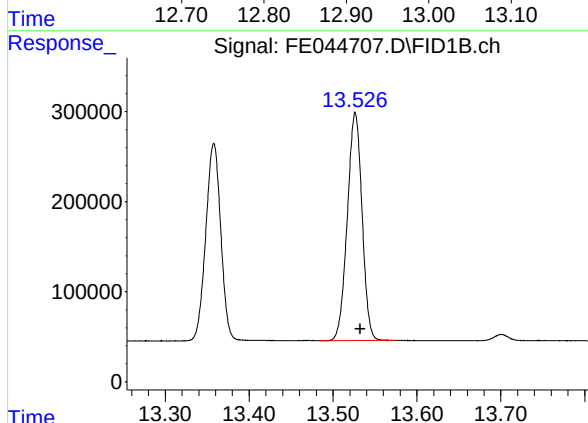
#9 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: -0.009 min
Response: 3721588
Conc: 19.82 ug/ml



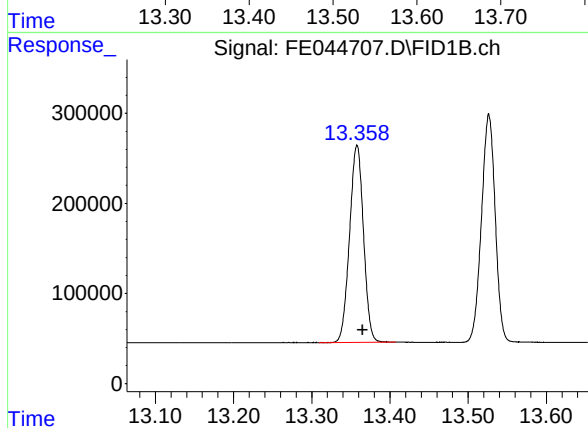
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.007 min
Response: 3187531
Conc: 19.81 ug/ml



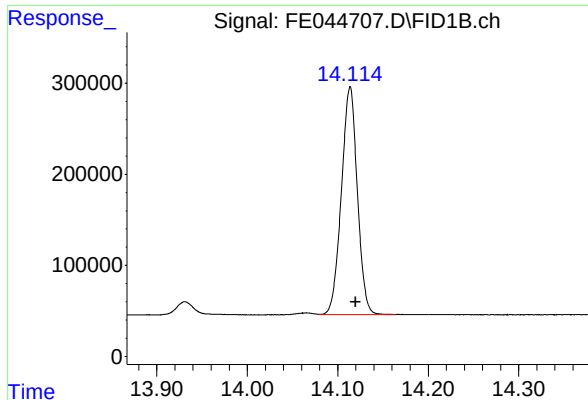
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.006 min
Response: 3093803
Conc: 19.76 ug/ml



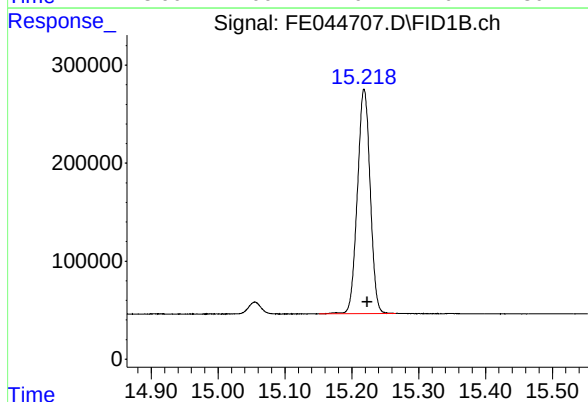
#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.007 min
Response: 2709860
Conc: 19.92 ug/ml



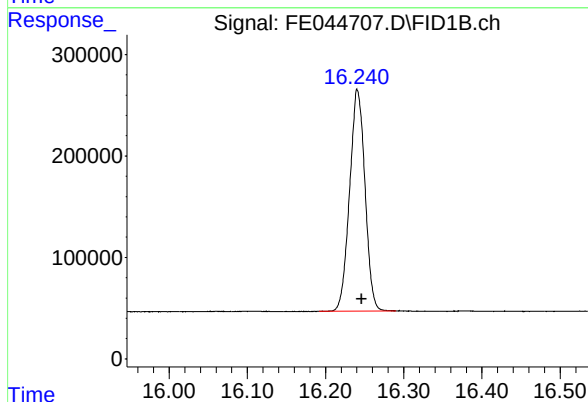
#13 n-Docosane (C22)

R.T.: 14.114 min
Delta R.T.: -0.006 min
Response: 3066635
Conc: 19.88 ug/ml



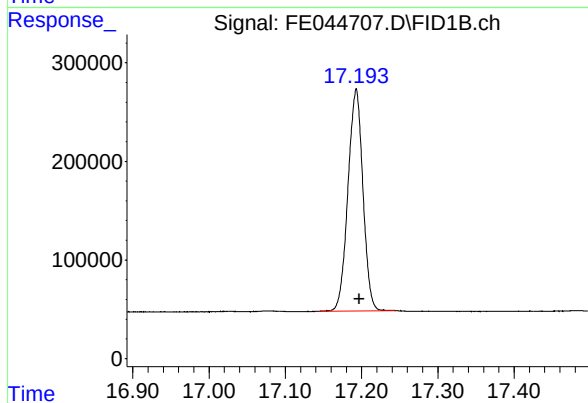
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: -0.005 min
Response: 3042575
Conc: 20.13 ug/ml



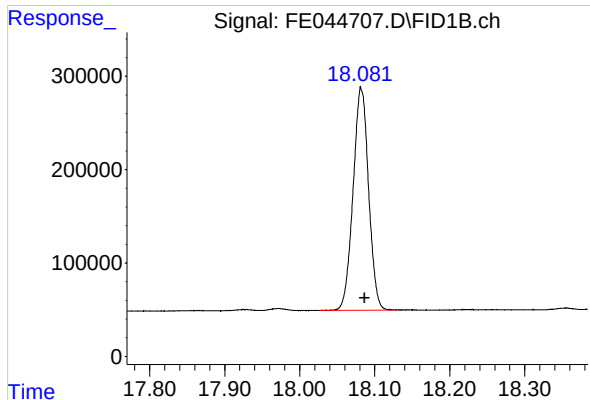
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: -0.005 min
Response: 2986730
Conc: 20.30 ug/ml



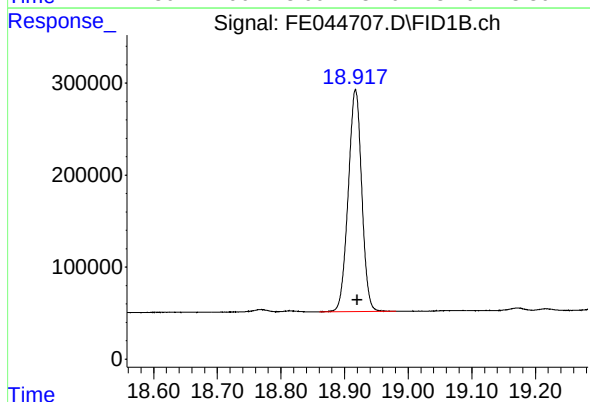
#16 n-Octacosane (C28)

R.T.: 17.193 min
Delta R.T.: -0.004 min
Response: 3065186
Conc: 21.37 ug/ml



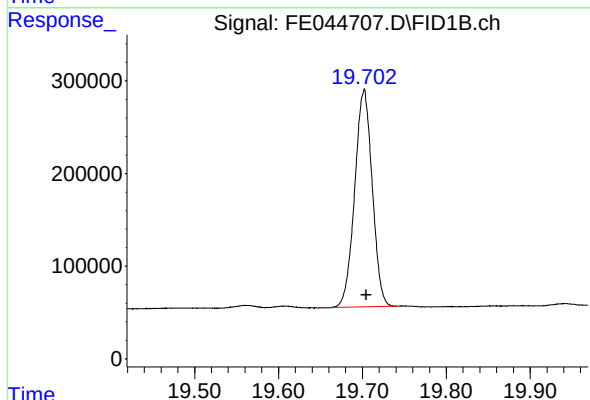
#17 n-Tricontane (C30)

R.T.: 18.082 min
Delta R.T.: -0.004 min
Response: 3416184
Conc: 23.05 ug/ml



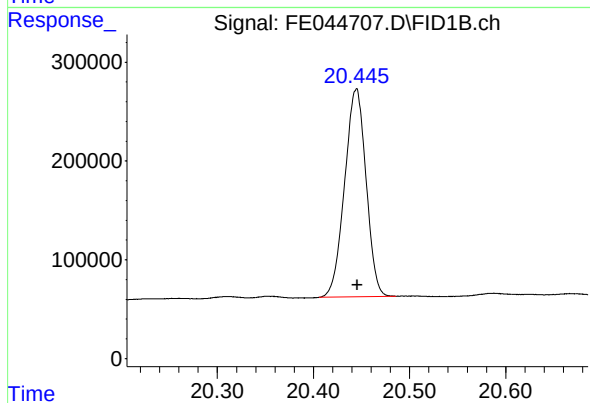
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.003 min
Response: 3565090
Conc: 24.08 ug/ml



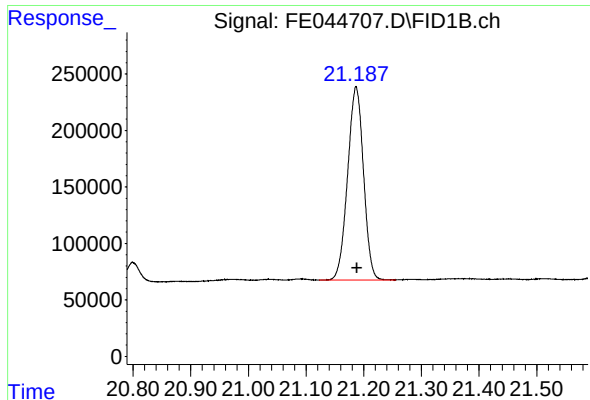
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.003 min
Response: 3404308
Conc: 23.29 ug/ml



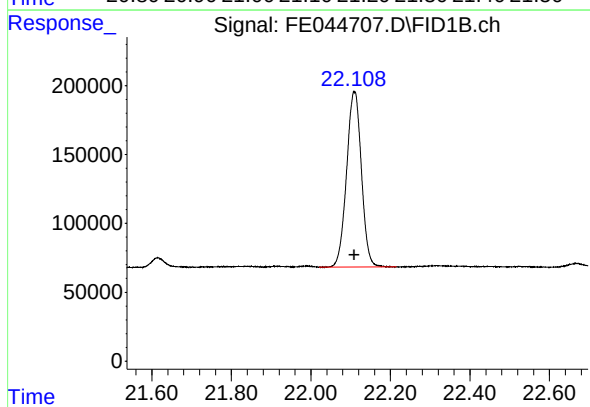
#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: 0.000 min
Response: 3266304
Conc: 22.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.002 min
Response: 3274021
Conc: 21.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: 0.000 min
Response: 3296464
Conc: 20.89 ug/ml