

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101623AL\
 Data File : FE044855.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2023 08:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 17 01:08:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.911	3743212	18.673 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
12) S 1-chlorooctadecane (S...	13.354	2694960	18.211 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
Target Compounds			
1) T n-Nonane (C9)	3.291	3173385	18.917 ug/ml
2) T n-Decane (C10)	4.542	3225684	18.936 ug/ml
3) T A~Naphthalene (C11.7)	6.245	3480909	18.804 ug/ml
4) T n-Dodecane (C12)	6.709	3248189	18.817 ug/ml
5) T A~2-methylnaphthalene...	7.341	3367195	18.666 ug/ml
6) T n-Tetradecane (C14)	8.537	3210235	18.721 ug/ml
7) T n-Hexadecane (C16)	10.149	3259948	18.642 ug/ml
8) T n-Octadecane (C18)	11.596	3252553	18.648 ug/ml
10) T n-Eicosane (C20)	12.908	3113880	18.643 ug/ml
11) T n-Heneicosane (C21)	13.522	3028800	18.580 ug/ml
13) T n-Docosane (C22)	14.109	3027087	18.925 ug/ml
14) T n-Tetracosane (C24)	15.215	3025368	19.494 ug/ml
15) T n-Hexacosane (C26)	16.239	3002007	19.995 ug/ml
16) T n-Octacosane (C28)	17.190	3004831	20.463 ug/ml
17) T n-Tricontane (C30)	18.080	3076598	20.686 ug/ml
18) T n-Dotriacontane (C32)	18.915	3086445	20.563 ug/ml
19) T n-Tetratriacontane (C34)	19.700	3045019	20.455 ug/ml
20) T n-Hexatriacontane (C36)	20.442	2973096	19.338 ug/ml
21) T n-Octatriacontane (C38)	21.188	3171383	20.302 ug/mlm
22) T n-Tetracontane (C40)	22.106	3336548	19.965 ug/ml

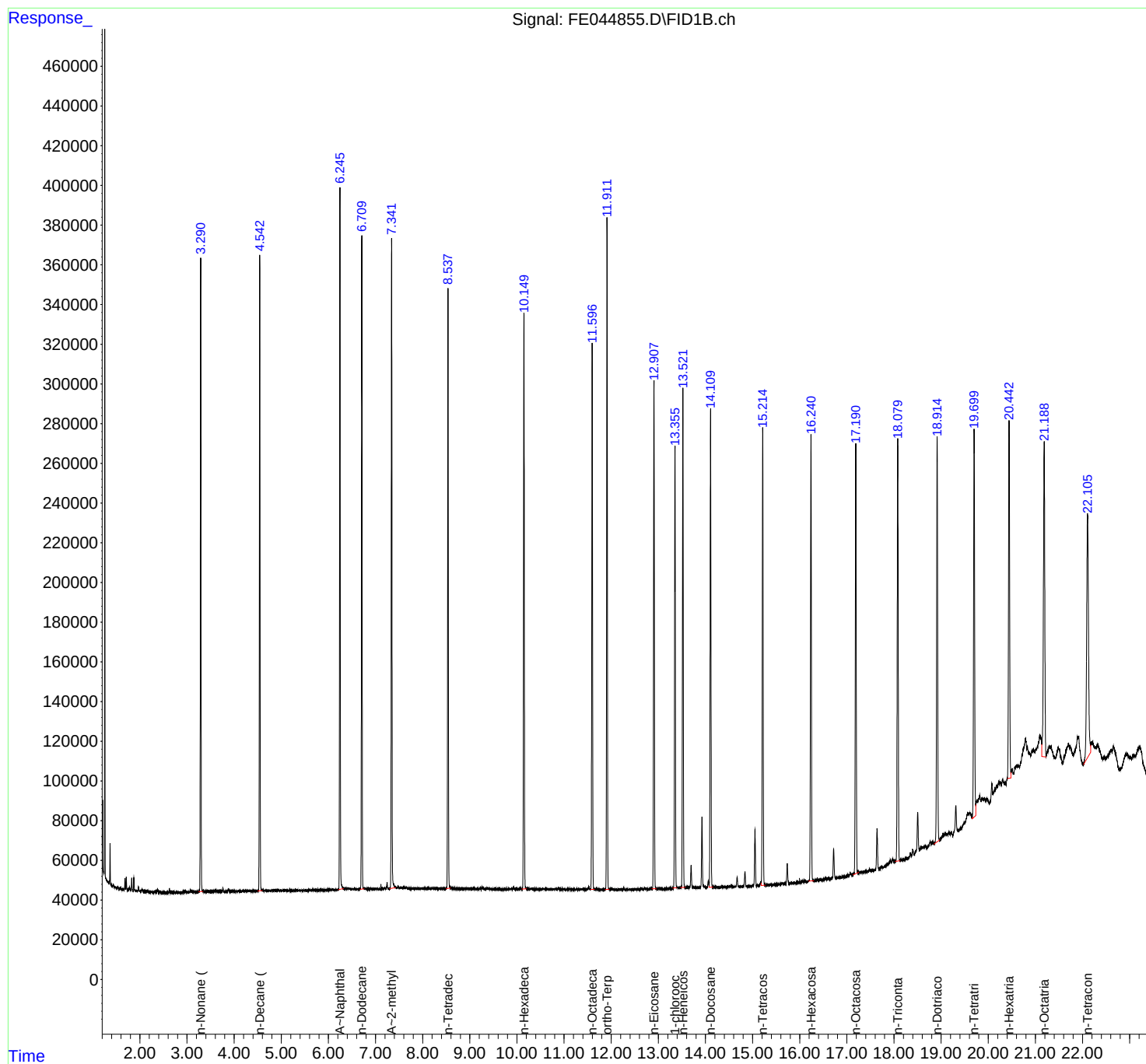
(f)=RT Delta > 1/2 Window

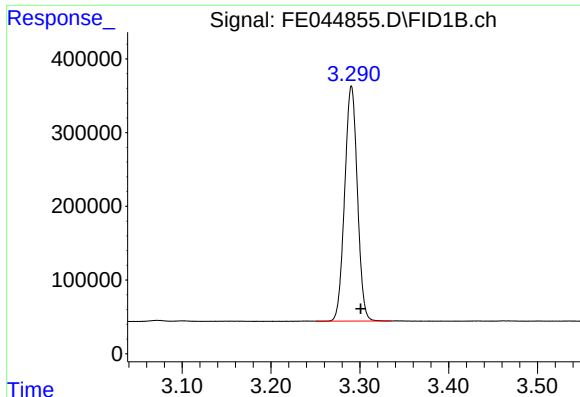
(m)=manual int.

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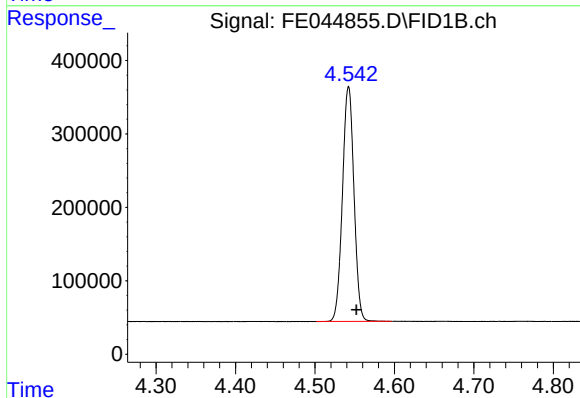
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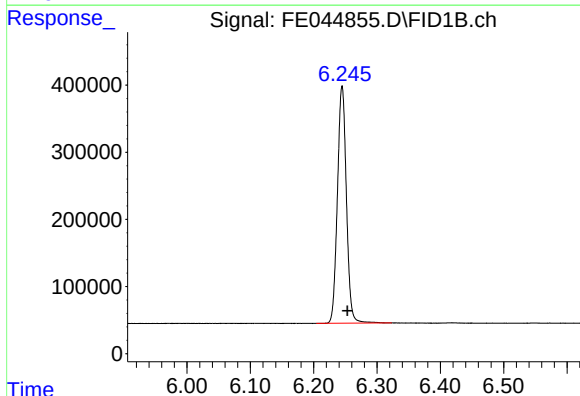
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.010 min
Response: 3173385
Conc: 18.92 ug/ml



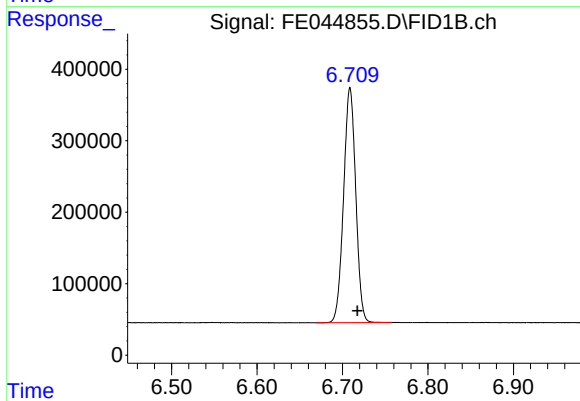
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.010 min
Response: 3225684
Conc: 18.94 ug/ml



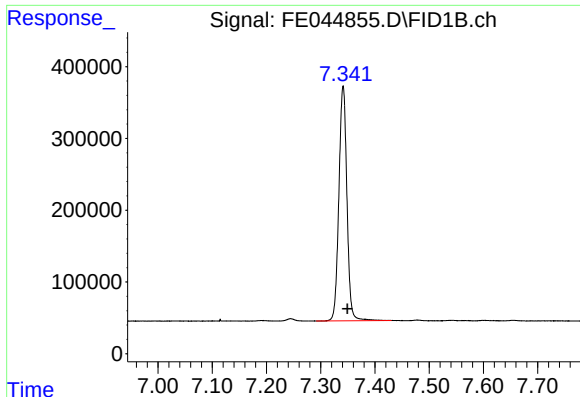
#3 A~Naphthalene (C11.7)

R.T.: 6.245 min
Delta R.T.: -0.008 min
Response: 3480909
Conc: 18.80 ug/ml



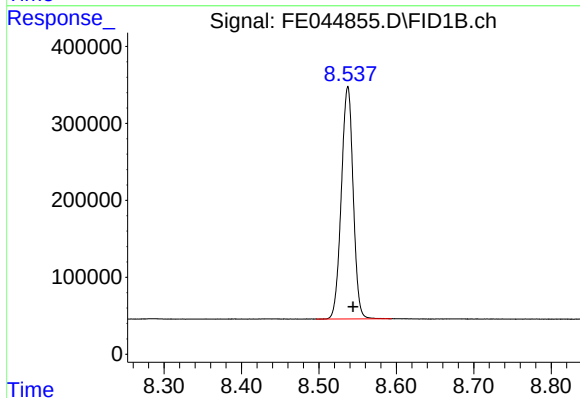
#4 n-Dodecane (C12)

R.T.: 6.709 min
Delta R.T.: -0.009 min
Response: 3248189
Conc: 18.82 ug/ml



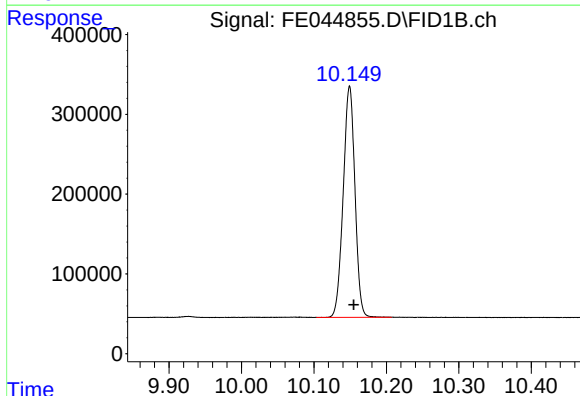
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.341 min
Delta R.T.: -0.008 min
Response: 3367195
Conc: 18.67 ug/ml



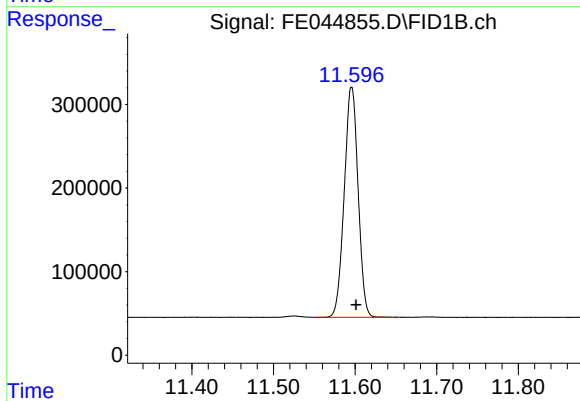
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.007 min
Response: 3210235
Conc: 18.72 ug/ml



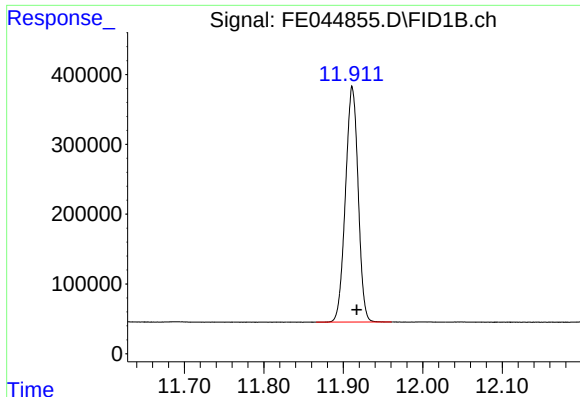
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: -0.006 min
Response: 3259948
Conc: 18.64 ug/ml



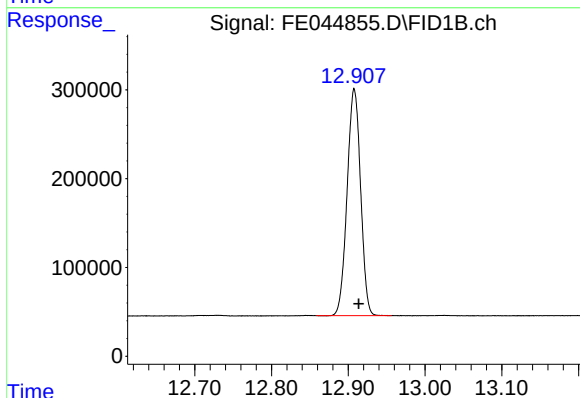
#8 n-Octadecane (C18)

R.T.: 11.596 min
Delta R.T.: -0.005 min
Response: 3252553
Conc: 18.65 ug/ml



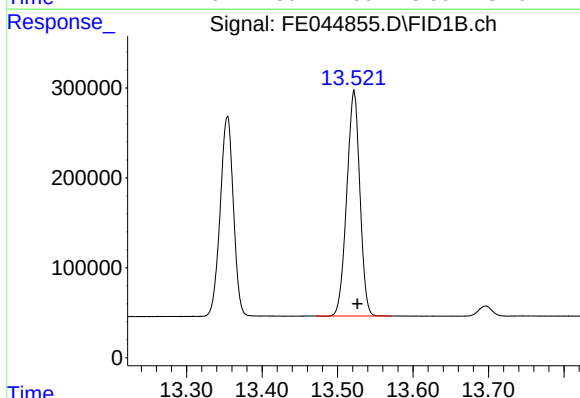
#9 ortho-Terphenyl (SURR)

R.T.: 11.911 min
Delta R.T.: -0.006 min
Response: 3743212
Conc: 18.67 ug/ml



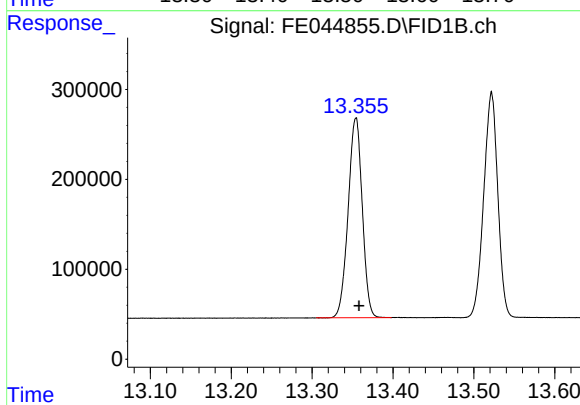
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: -0.006 min
Response: 3113880
Conc: 18.64 ug/ml



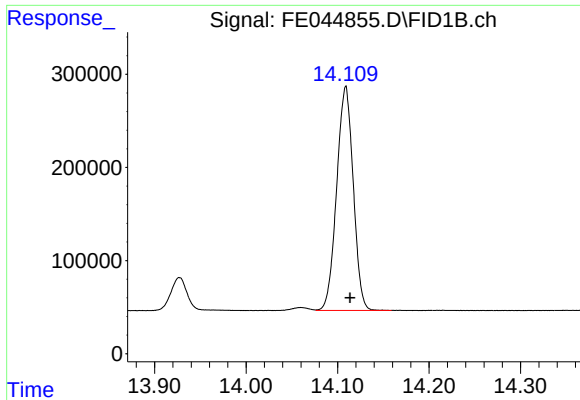
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: -0.005 min
Response: 3028800
Conc: 18.58 ug/ml



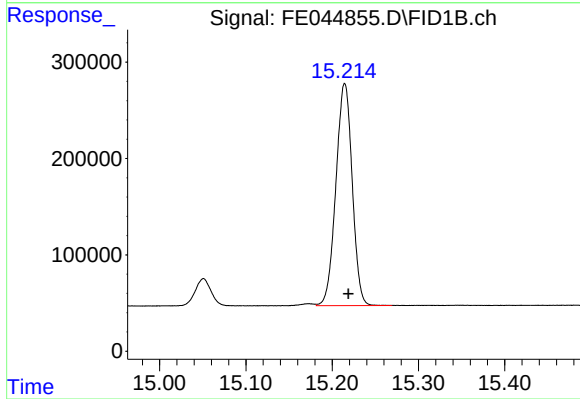
#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: -0.004 min
Response: 2694960
Conc: 18.21 ug/ml



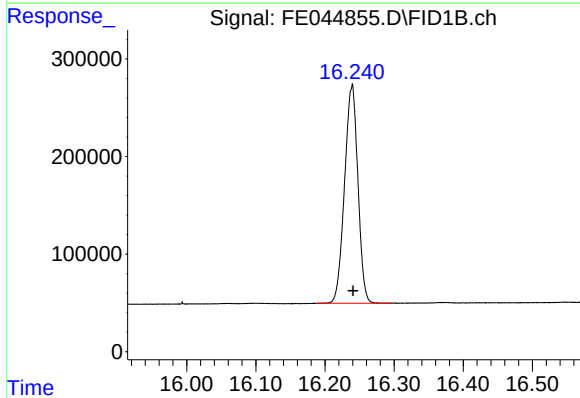
#13 n-Docosane (C22)

R.T.: 14.109 min
Delta R.T.: -0.005 min
Response: 3027087
Conc: 18.92 ug/ml



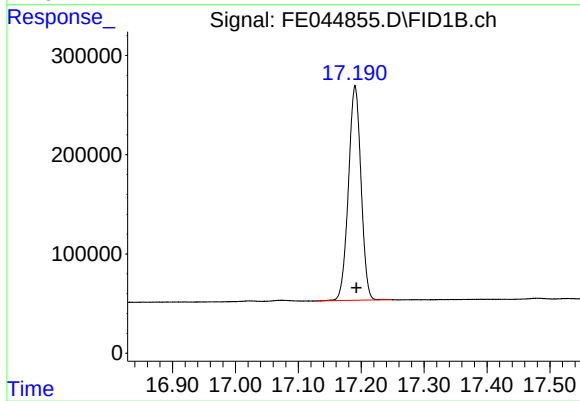
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: -0.004 min
Response: 3025368
Conc: 19.49 ug/ml



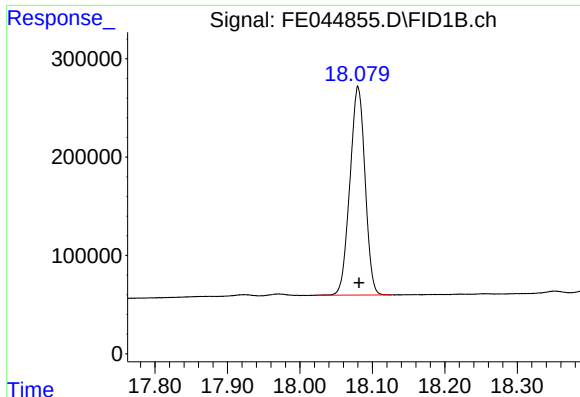
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: -0.001 min
Response: 3002007
Conc: 20.00 ug/ml



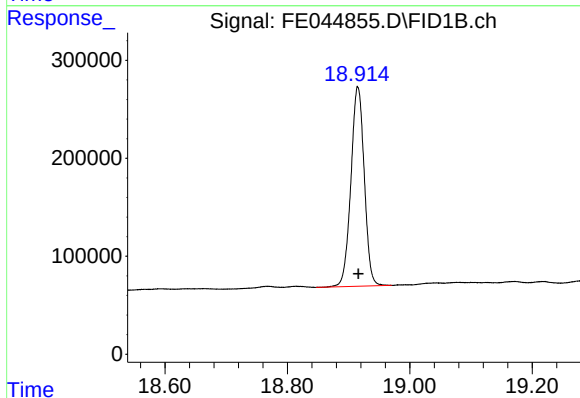
#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: -0.002 min
Response: 3004831
Conc: 20.46 ug/ml



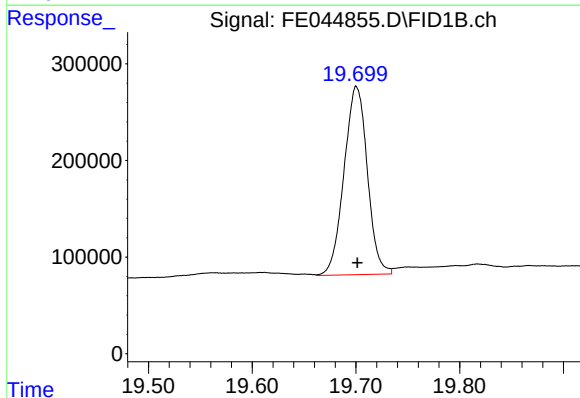
#17 n-Tricontane (C30)

R.T.: 18.080 min
Delta R.T.: -0.002 min
Response: 3076598
Conc: 20.69 ug/ml



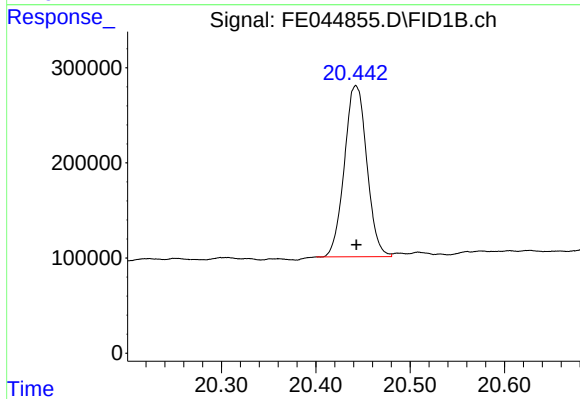
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.001 min
Response: 3086445
Conc: 20.56 ug/ml



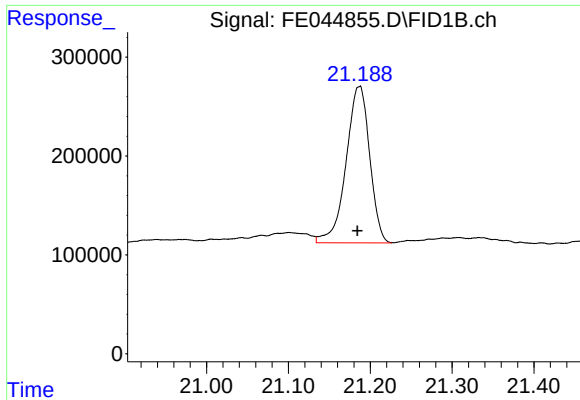
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: 0.000 min
Response: 3045019
Conc: 20.46 ug/ml



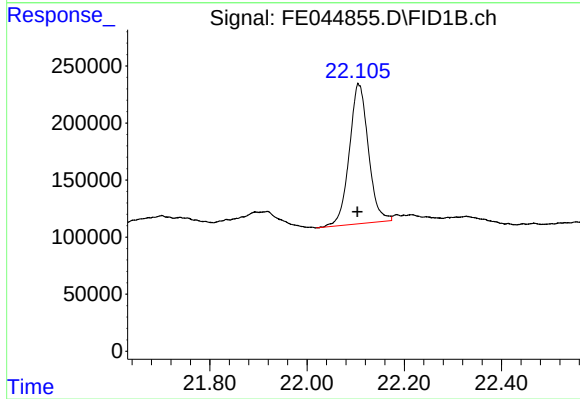
#20 n-Hexatriacontane (C36)

R.T.: 20.442 min
Delta R.T.: 0.000 min
Response: 2973096
Conc: 19.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.004 min
Response: 3171383
Conc: 20.30 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: 0.002 min
Response: 3336548
Conc: 19.96 ug/ml