

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092723AL\
 Data File : FE044487.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2023 21:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 28 00:34:34 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)	11.919	3835662	20.431 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
12) S 1-chlorooctadecane (S...	13.356	2799636	20.579 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
Target Compounds			
1) T n-Nonane (C9)	3.309	3295452	20.298 ug/ml
2) T n-Decane (C10)	4.560	3358519	20.282 ug/ml
3) T A~Naphthalene (C11.7)	6.260	3653893	20.437 ug/ml
4) T n-Dodecane (C12)	6.723	3380955	20.327 ug/ml
5) T A~2-methylnaphthalene...	7.355	3504441	20.483 ug/ml
6) T n-Tetradecane (C14)	8.549	3343018	20.363 ug/ml
7) T n-Hexadecane (C16)	10.158	3463122	20.443 ug/ml
8) T n-Octadecane (C18)	11.602	3471967	20.449 ug/ml
10) T n-Eicosane (C20)	12.912	3288807	20.441 ug/ml
11) T n-Heneicosane (C21)	13.525	3196276	20.412 ug/ml
13) T n-Docosane (C22)	14.111	3137336	20.342 ug/ml
14) T n-Tetracosane (C24)	15.215	3075401	20.344 ug/ml
15) T n-Hexacosane (C26)	16.236	2996588	20.372 ug/ml
16) T n-Octacosane (C28)	17.187	2967325	20.689 ug/ml
17) T n-Tricontane (C30)	18.076	3138926	21.176 ug/ml
18) T n-Dotriacontane (C32)	18.910	3194794	21.581 ug/ml
19) T n-Tetratriacontane (C34)	19.695	3121442	21.359 ug/ml
20) T n-Hexatriacontane (C36)	20.434	3051928	21.040 ug/mlm
21) T n-Octatriacontane (C38)	21.177	3084948	20.595 ug/ml
22) T n-Tetracontane (C40)	22.092	3237494	20.515 ug/ml

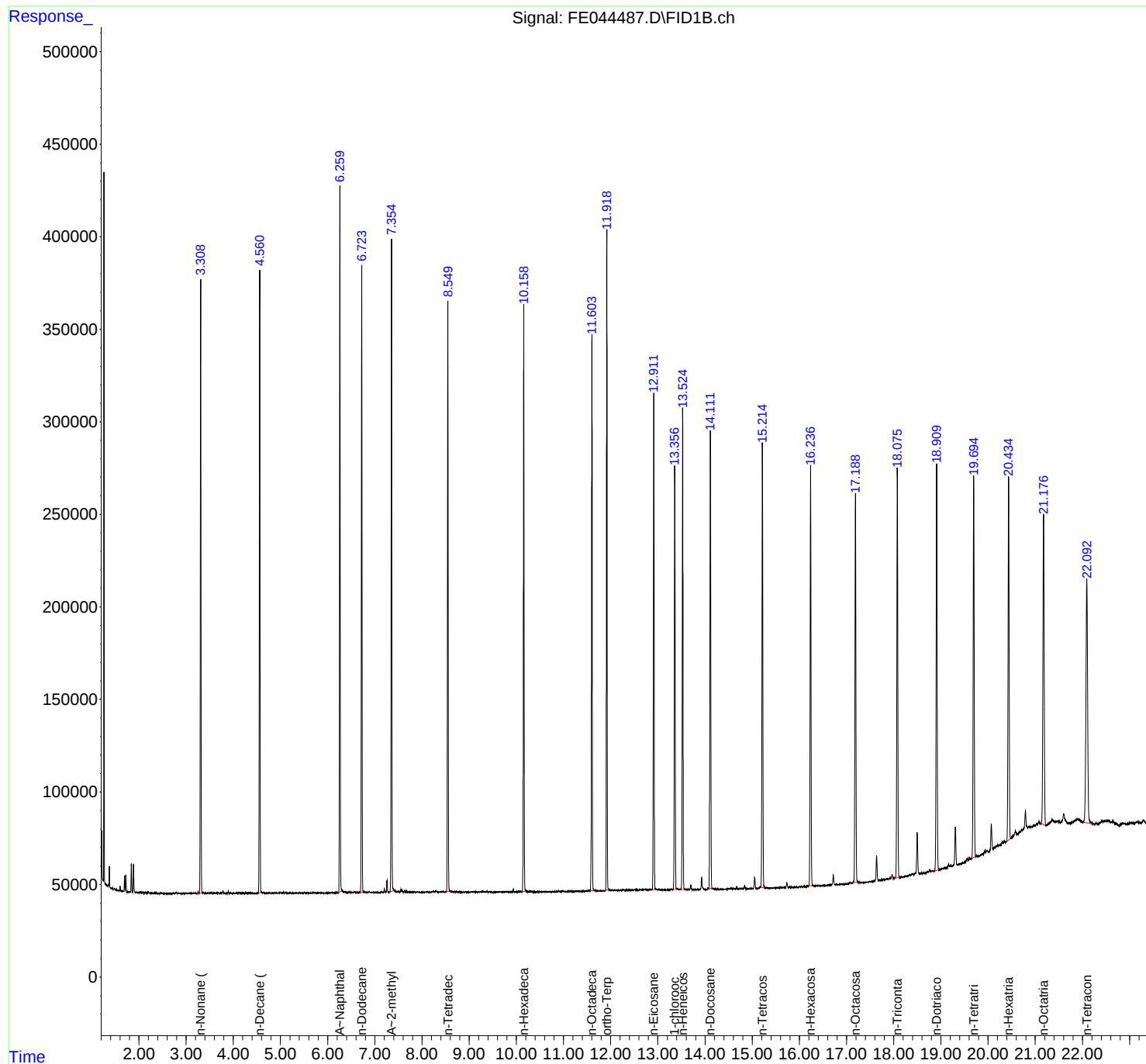
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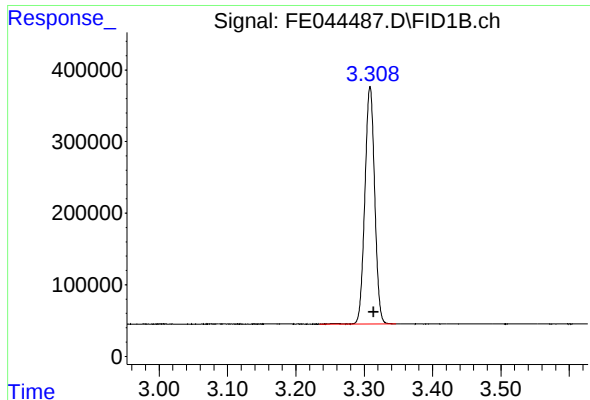
(m)=manual int.

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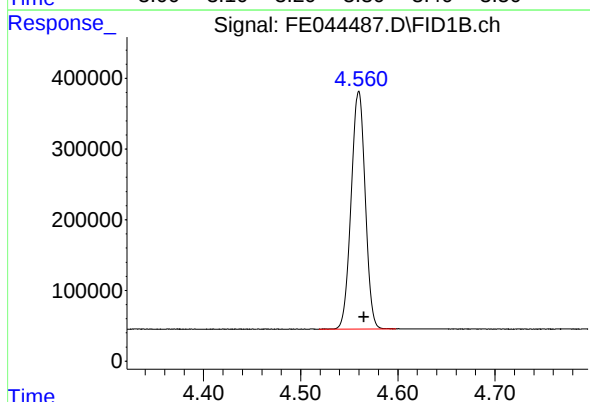
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





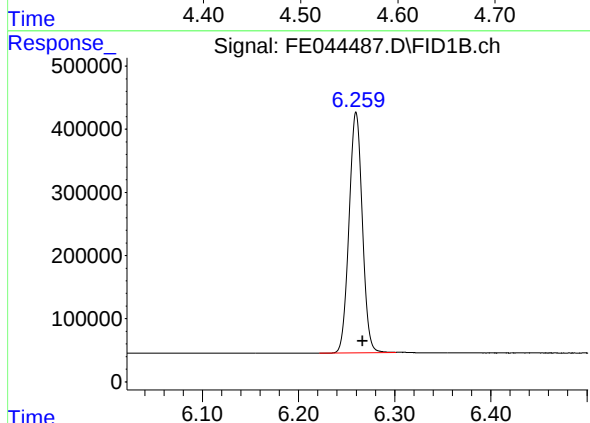
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.005 min
Response: 3295452
Conc: 20.30 ug/ml



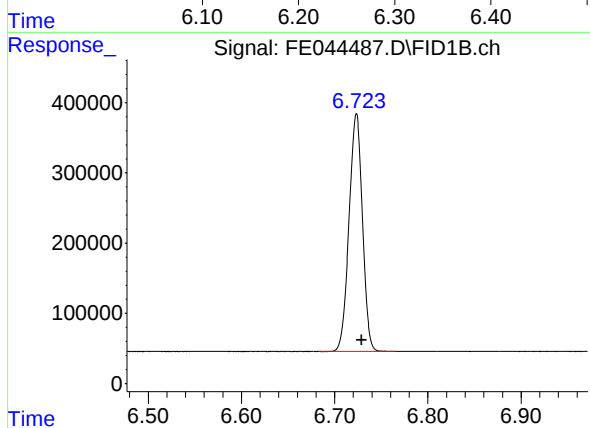
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.005 min
Response: 3358519
Conc: 20.28 ug/ml



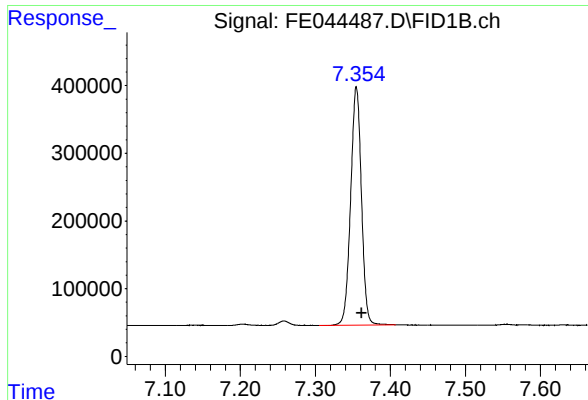
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.007 min
Response: 3653893
Conc: 20.44 ug/ml



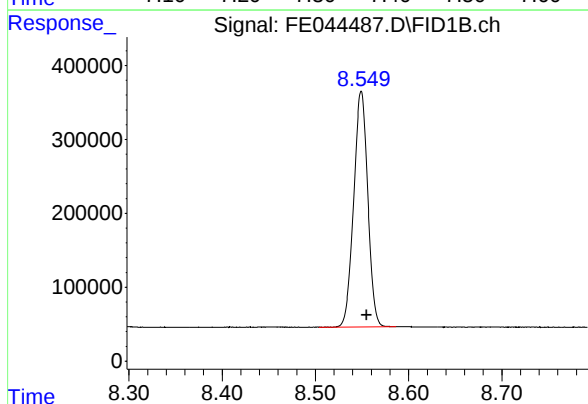
#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 3380955
Conc: 20.33 ug/ml



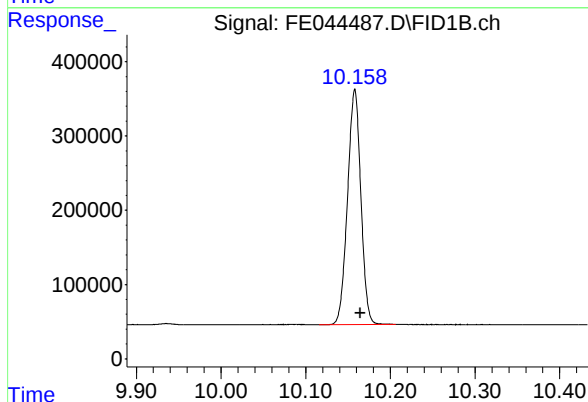
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 3504441
Conc: 20.48 ug/ml



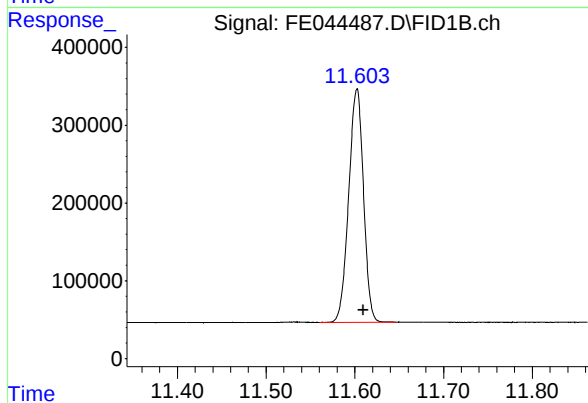
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: -0.006 min
Response: 3343018
Conc: 20.36 ug/ml



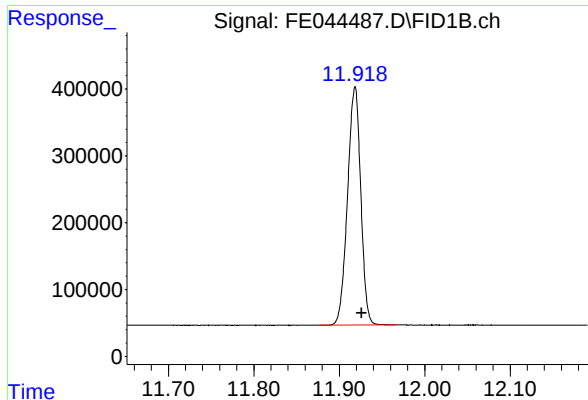
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.007 min
Response: 3463122
Conc: 20.44 ug/ml



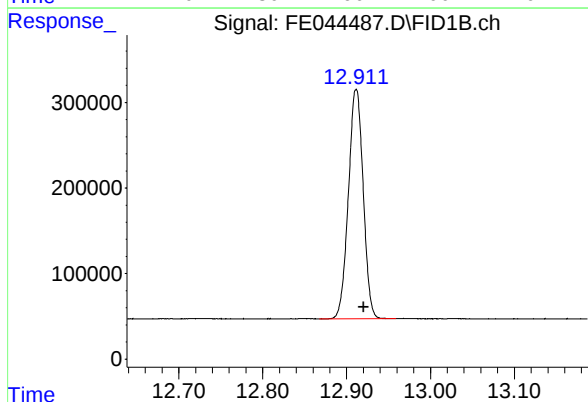
#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: -0.007 min
Response: 3471967
Conc: 20.45 ug/ml



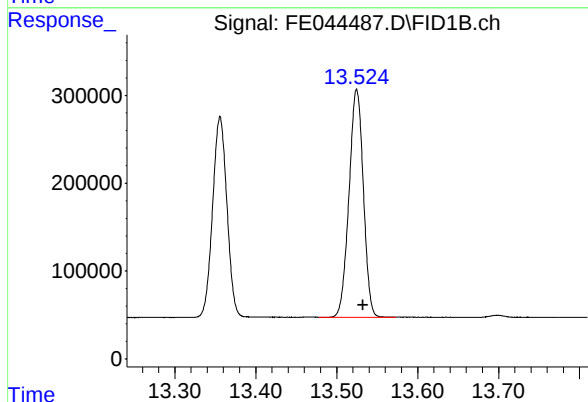
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: -0.008 min
Response: 3835662
Conc: 20.43 ug/ml



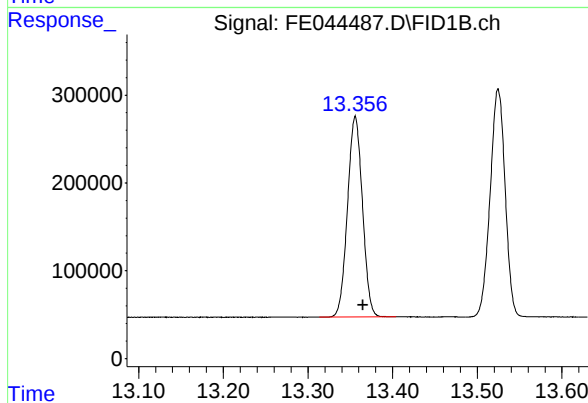
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: -0.009 min
Response: 3288807
Conc: 20.44 ug/ml



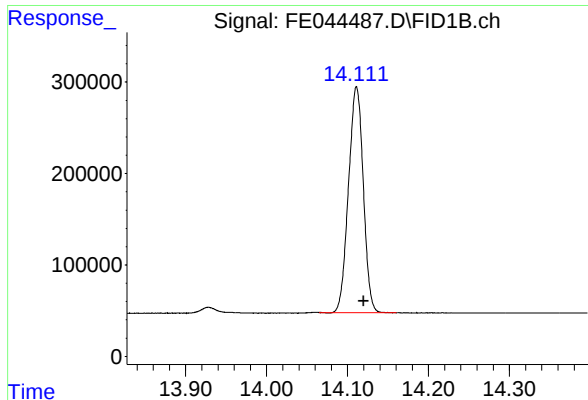
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: -0.008 min
Response: 3196276
Conc: 20.41 ug/ml



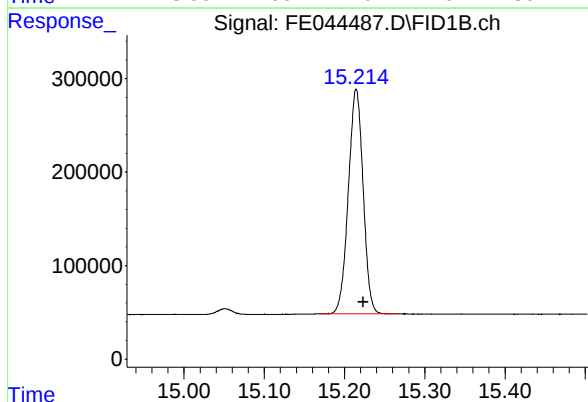
#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: -0.009 min
Response: 2799636
Conc: 20.58 ug/ml



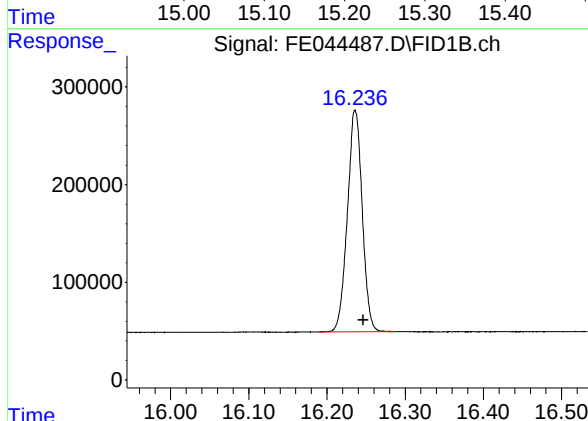
#13 n-Docosane (C22)

R.T.: 14.111 min
Delta R.T.: -0.009 min
Response: 3137336
Conc: 20.34 ug/ml



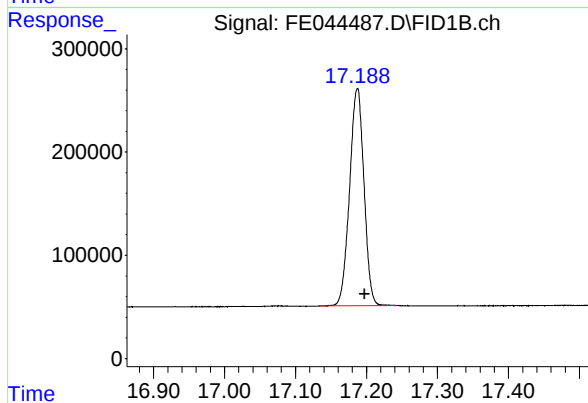
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: -0.009 min
Response: 3075401
Conc: 20.34 ug/ml



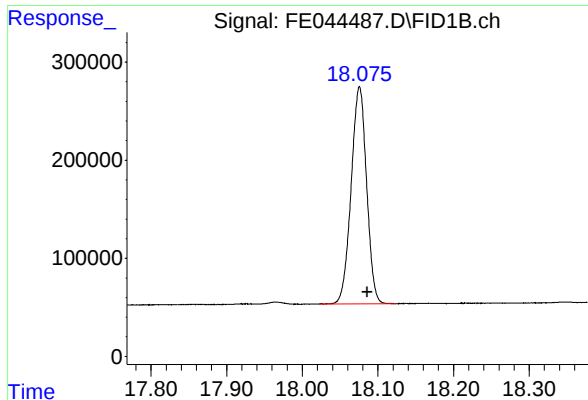
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: -0.010 min
Response: 2996588
Conc: 20.37 ug/ml



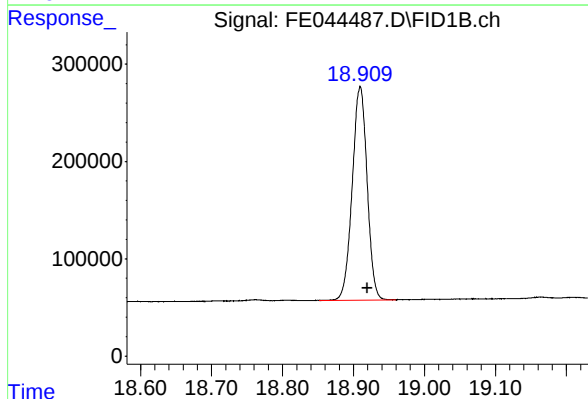
#16 n-Octacosane (C28)

R.T.: 17.187 min
Delta R.T.: -0.010 min
Response: 2967325
Conc: 20.69 ug/ml



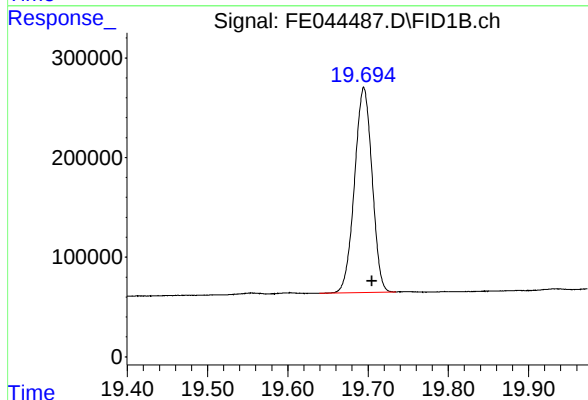
#17 n-Tricontane (C30)

R.T.: 18.076 min
Delta R.T.: -0.011 min
Response: 3138926
Conc: 21.18 ug/ml



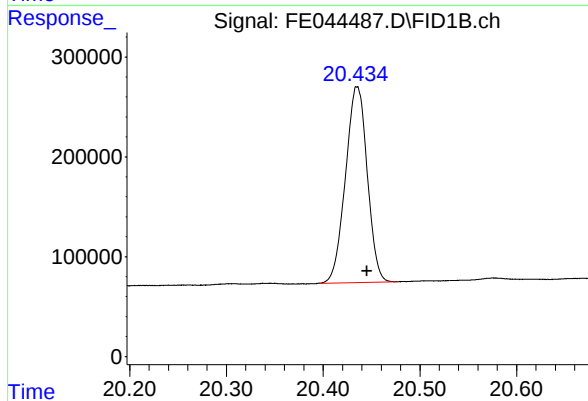
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.010 min
Response: 3194794
Conc: 21.58 ug/ml



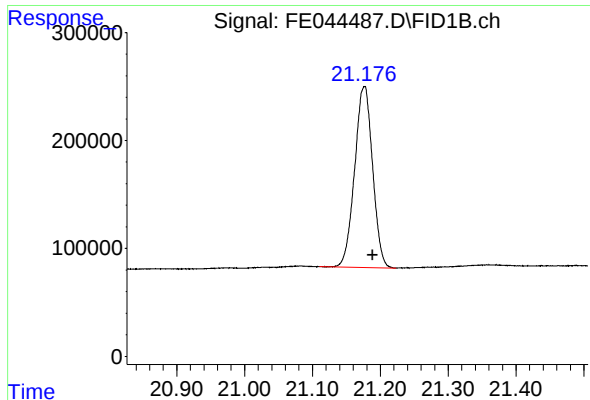
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.010 min
Response: 3121442
Conc: 21.36 ug/ml



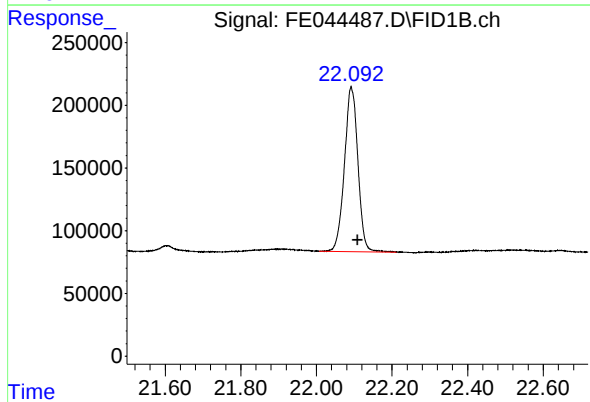
#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: -0.012 min
Response: 3051928
Conc: 21.04 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: -0.012 min
Response: 3084948
Conc: 20.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: -0.017 min
Response: 3237494
Conc: 20.51 ug/ml