

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071323AL\
 Data File : FE043187.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2023 19:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 03:03:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.900	3756105	20.976 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
12) S 1-chlorooctadecane (S...	13.337	2769625	21.079 ug/ml
Spiked Amount 50.000		Recovery =	42.16%
Target Compounds			
1) T n-Nonane (C9)	3.279	3177090	20.809 ug/ml
2) T n-Decane (C10)	4.532	3262719	20.929 ug/ml
3) T A~Naphthalene (C11.7)	6.241	3431669	21.326 ug/ml
4) T n-Dodecane (C12)	6.701	3307511	20.990 ug/ml
5) T A~2-methylnaphthalene...	7.338	3274250	21.578 ug/ml
6) T n-Tetradecane (C14)	8.531	3305591	20.899 ug/ml
7) T n-Hexadecane (C16)	10.138	3394363	20.974 ug/ml
8) T n-Octadecane (C18)	11.582	3424093	21.004 ug/ml
10) T n-Eicosane (C20)	12.891	3281916	21.123 ug/ml
11) T n-Heneicosane (C21)	13.503	3187257	21.038 ug/ml
13) T n-Docosane (C22)	14.090	3223541	21.569 ug/ml
14) T n-Tetracosane (C24)	15.193	3323100	22.628 ug/ml
15) T n-Hexacosane (C26)	16.214	3294984	23.134 ug/ml
16) T n-Octacosane (C28)	17.164	3314437	23.556 ug/ml
17) T n-Tricontane (C30)	18.051	3475996	23.596 ug/ml
18) T n-Dotriacontane (C32)	18.885	3444191	23.243 ug/ml
19) T n-Tetratriacontane (C34)	19.668	3169411	21.961 ug/ml
20) T n-Hexatriacontane (C36)	20.408	3024645	20.579 ug/ml
21) T n-Octatriacontane (C38)	21.147	3023919	21.198 ug/ml
22) T n-Tetracontane (C40)	22.059	3104705	21.037 ug/ml

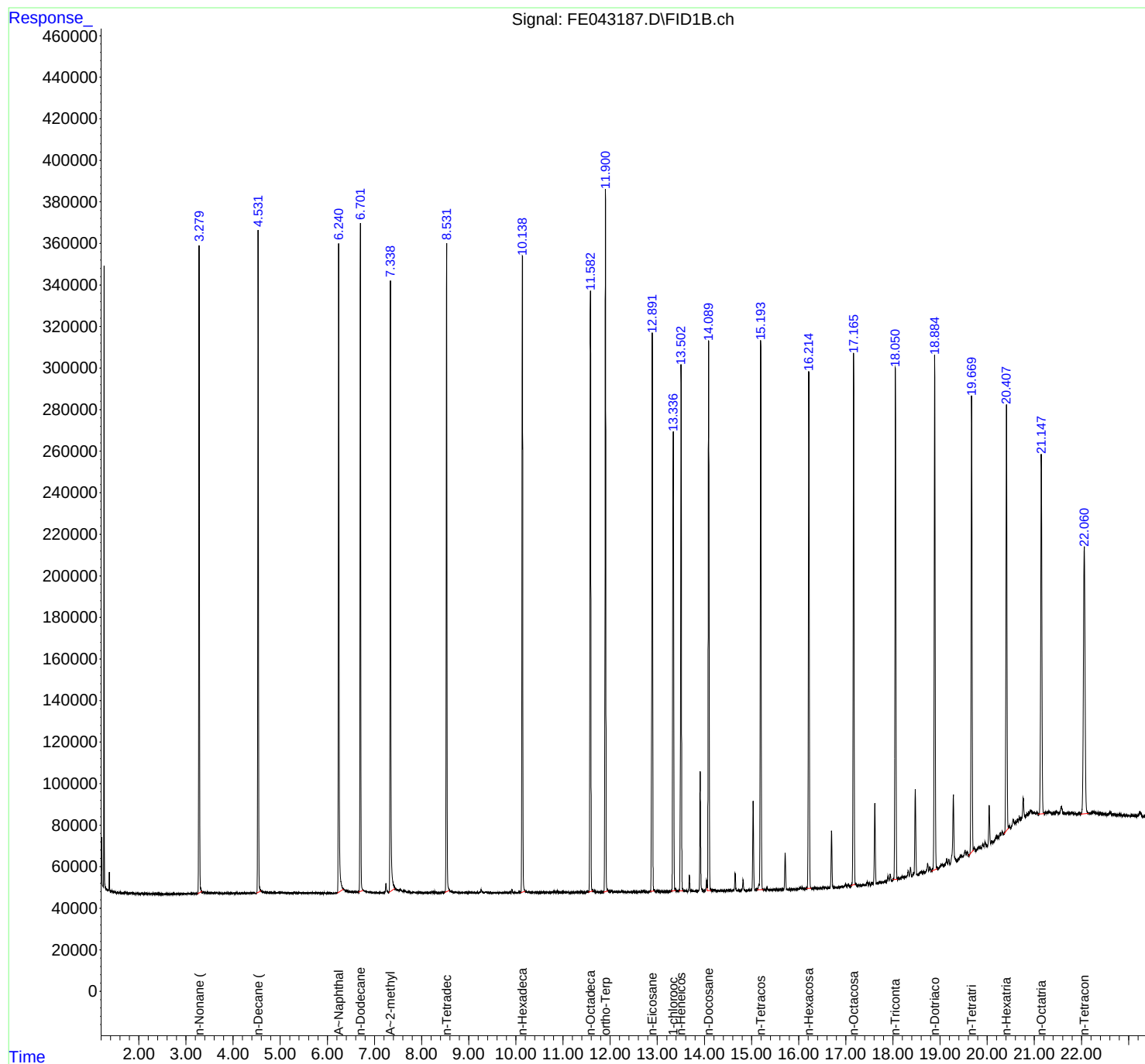
(f)=RT Delta > 1/2 Window

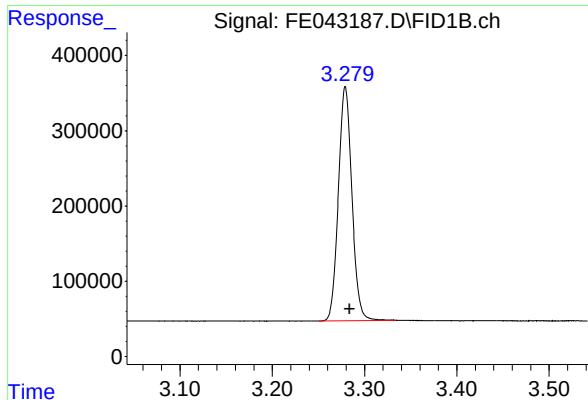
(m)=manual int.

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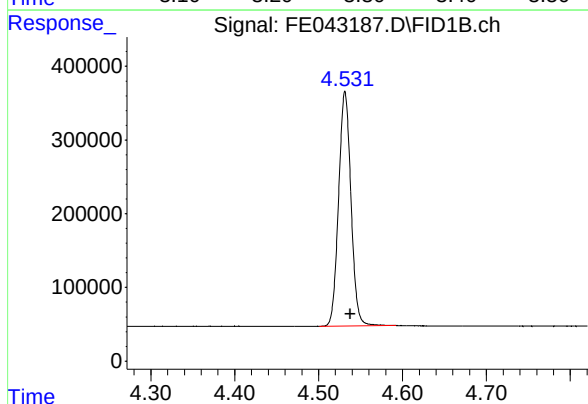
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Signal Info : 20M x 0.18mm x 0.18um





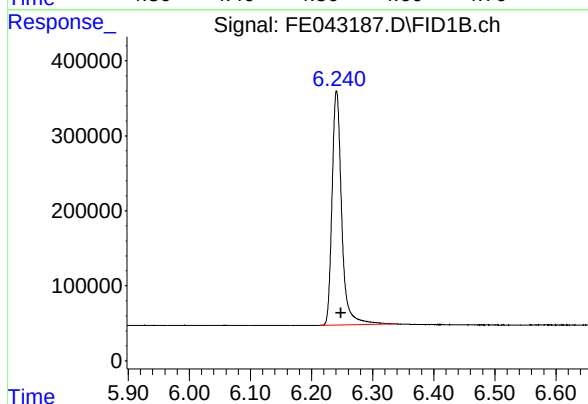
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: -0.005 min
Response: 3177090
Conc: 20.81 ug/ml



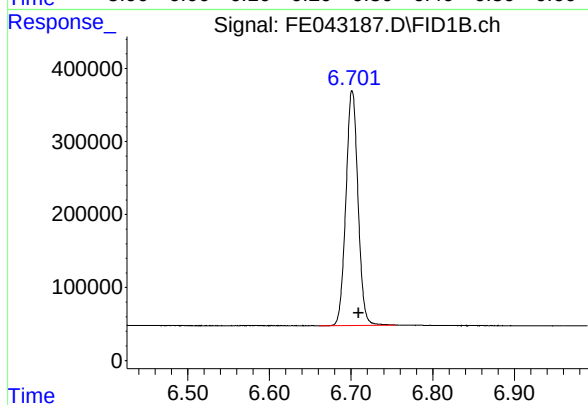
#2 n-Decane (C10)

R.T.: 4.532 min
Delta R.T.: -0.006 min
Response: 3262719
Conc: 20.93 ug/ml



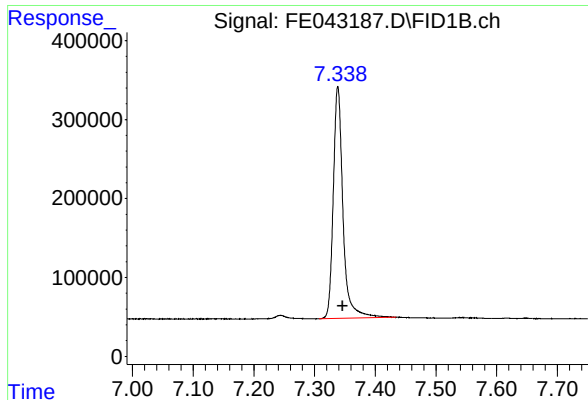
#3 A~Naphthalene (C11.7)

R.T.: 6.241 min
Delta R.T.: -0.007 min
Response: 3431669
Conc: 21.33 ug/ml



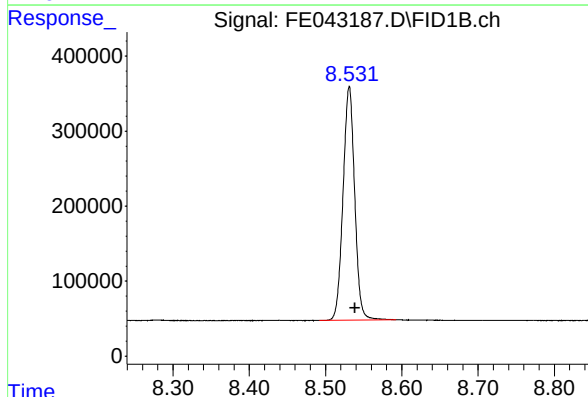
#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.008 min
Response: 3307511
Conc: 20.99 ug/ml



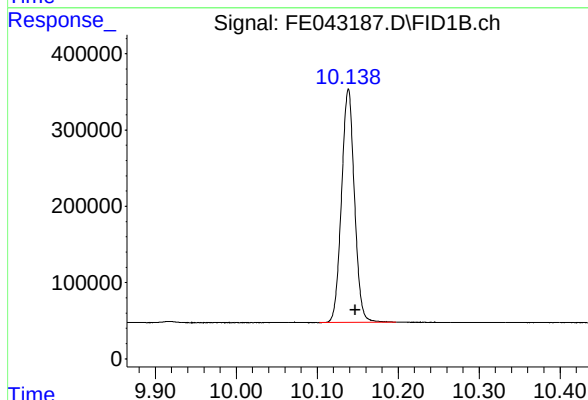
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: -0.008 min
Response: 3274250
Conc: 21.58 ug/ml



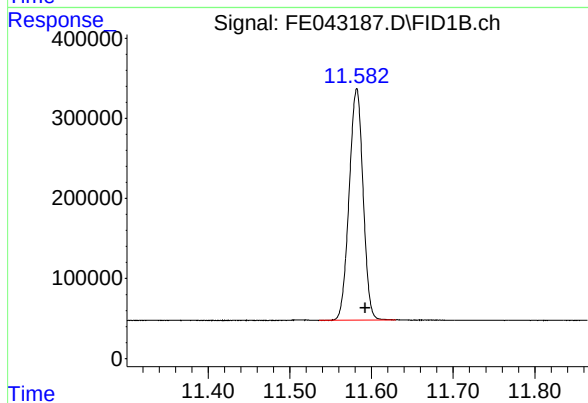
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.007 min
Response: 3305591
Conc: 20.90 ug/ml



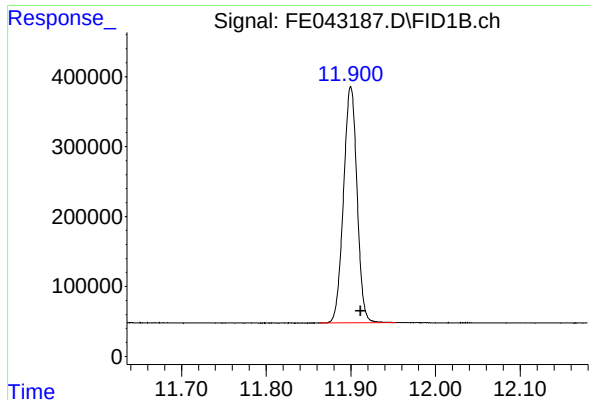
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: -0.008 min
Response: 3394363
Conc: 20.97 ug/ml



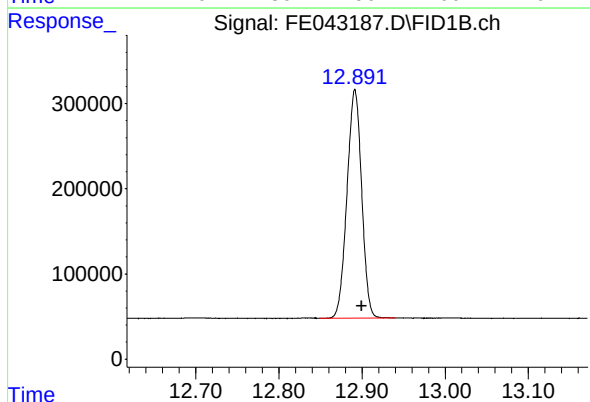
#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: -0.010 min
Response: 3424093
Conc: 21.00 ug/ml



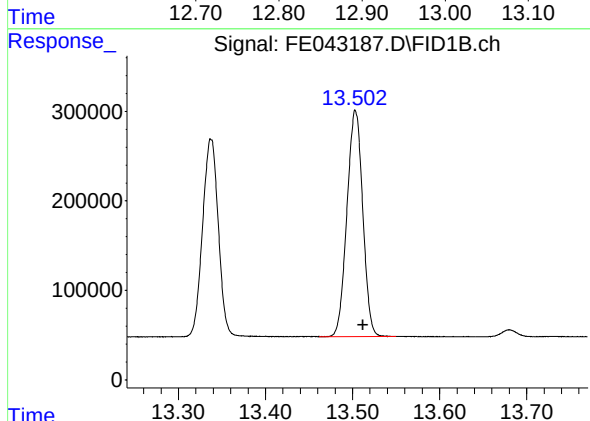
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: -0.011 min
Response: 3756105
Conc: 20.98 ug/ml



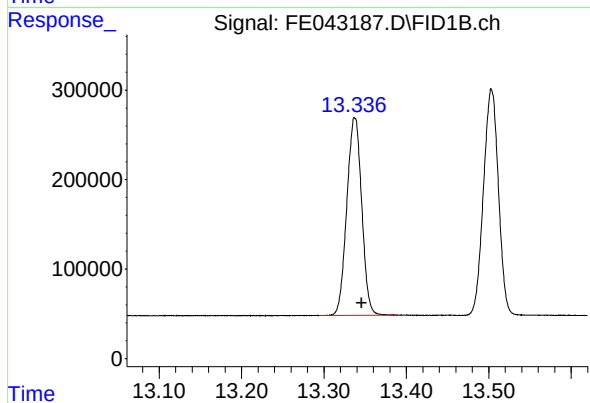
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.008 min
Response: 3281916
Conc: 21.12 ug/ml



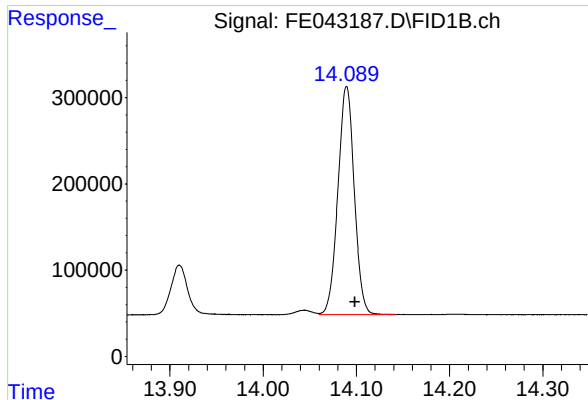
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: -0.009 min
Response: 3187257
Conc: 21.04 ug/ml



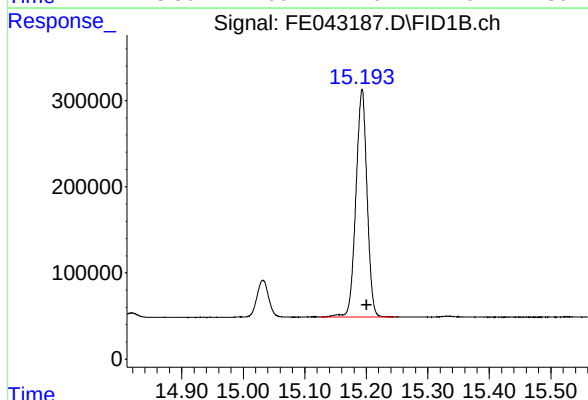
#12 1-chlorooctadecane (SURR)

R.T.: 13.337 min
Delta R.T.: -0.008 min
Response: 2769625
Conc: 21.08 ug/ml



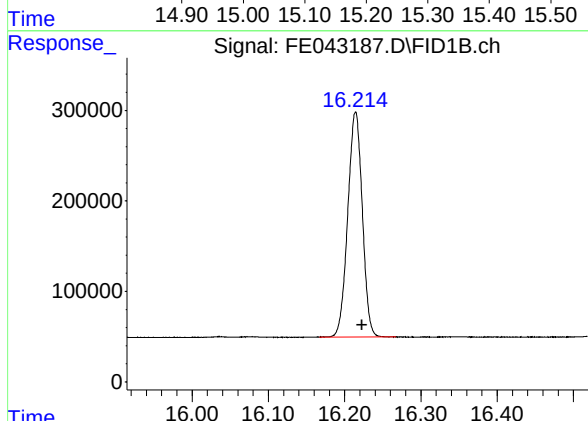
#13 n-Docosane (C22)

R.T.: 14.090 min
Delta R.T.: -0.009 min
Response: 3223541
Conc: 21.57 ug/ml



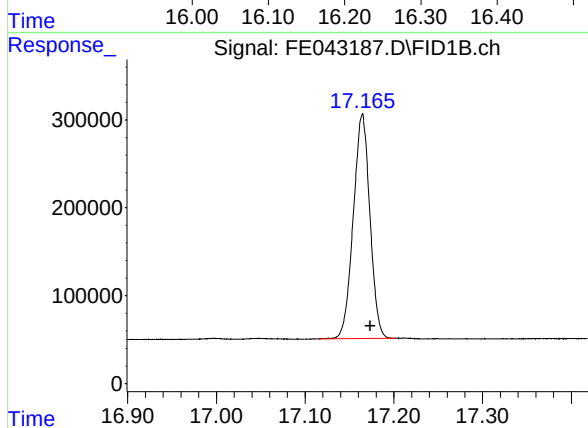
#14 n-Tetracosane (C24)

R.T.: 15.193 min
Delta R.T.: -0.008 min
Response: 3323100
Conc: 22.63 ug/ml



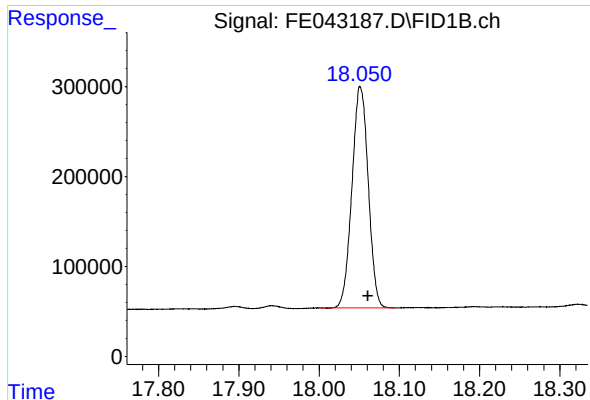
#15 n-Hexacosane (C26)

R.T.: 16.214 min
Delta R.T.: -0.008 min
Response: 3294984
Conc: 23.13 ug/ml



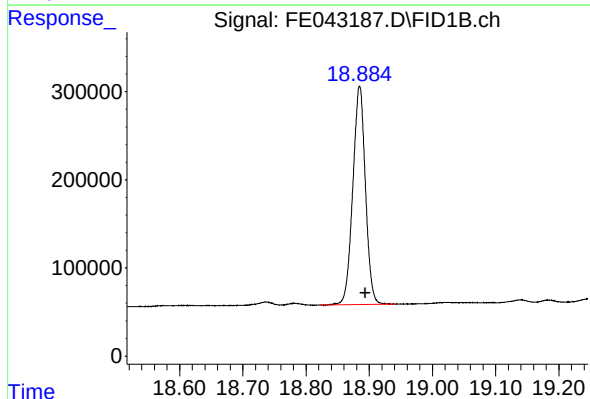
#16 n-Octacosane (C28)

R.T.: 17.164 min
Delta R.T.: -0.009 min
Response: 3314437
Conc: 23.56 ug/ml



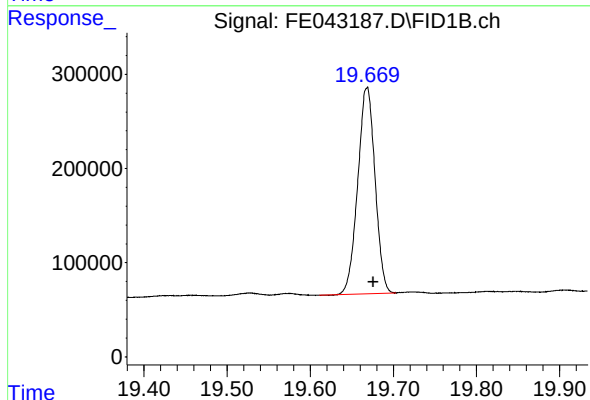
#17 n-Tricontane (C30)

R.T.: 18.051 min
Delta R.T.: -0.010 min
Response: 3475996
Conc: 23.60 ug/ml



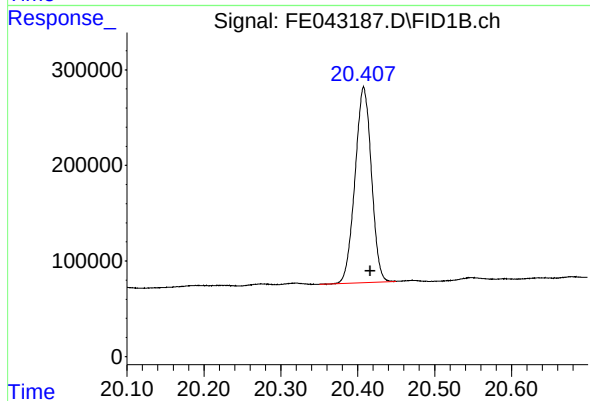
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.009 min
Response: 3444191
Conc: 23.24 ug/ml



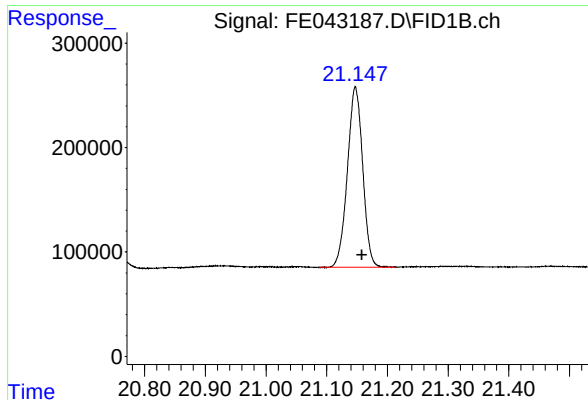
#19 n-Tetatriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.007 min
Response: 3169411
Conc: 21.96 ug/ml



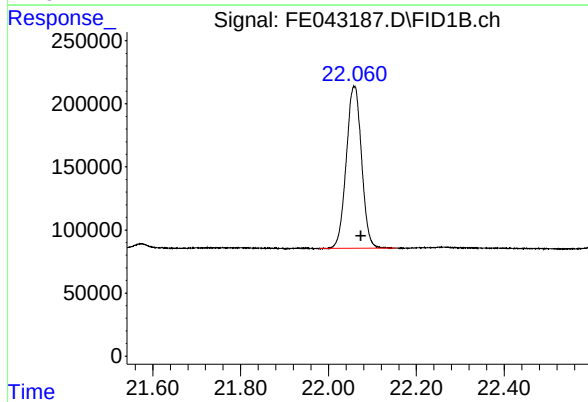
#20 n-Hexatriacontane (C36)

R.T.: 20.408 min
Delta R.T.: -0.009 min
Response: 3024645
Conc: 20.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: -0.011 min
Response: 3023919
Conc: 21.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.059 min
Delta R.T.: -0.015 min
Response: 3104705
Conc: 21.04 ug/ml