

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100723AL\
 Data File : FE044701.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2023 20:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 09 00:24:55 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	3703535	19.727 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	13.358	2708412	19.908 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
Target Compounds			
1) T n-Nonane (C9)	3.300	3086878	19.014 ug/ml
2) T n-Decane (C10)	4.552	3212952	19.403 ug/ml
3) T A~Naphthalene (C11.7)	6.253	3467368	19.394 ug/ml
4) T n-Dodecane (C12)	6.717	3245017	19.509 ug/ml
5) T A~2-methylnaphthalene...	7.349	3326818	19.445 ug/ml
6) T n-Tetradecane (C14)	8.545	3222464	19.629 ug/ml
7) T n-Hexadecane (C16)	10.155	3322467	19.612 ug/ml
8) T n-Octadecane (C18)	11.601	3342332	19.685 ug/ml
10) T n-Eicosane (C20)	12.914	3177260	19.748 ug/ml
11) T n-Heneicosane (C21)	13.526	3087973	19.721 ug/ml
13) T n-Docosane (C22)	14.113	3066493	19.882 ug/ml
14) T n-Tetracosane (C24)	15.219	3040179	20.111 ug/ml
15) T n-Hexacosane (C26)	16.242	2982080	20.273 ug/ml
16) T n-Octacosane (C28)	17.194	3053673	21.291 ug/ml
17) T n-Tricontane (C30)	18.083	3401611	22.948 ug/ml
18) T n-Dotriacontane (C32)	18.918	3533956	23.872 ug/ml
19) T n-Tetratriacontane (C34)	19.704	3375655	23.098 ug/ml
20) T n-Hexatriacontane (C36)	20.445	3237149	22.317 ug/ml
21) T n-Octatriacontane (C38)	21.188	3246876	21.676 ug/ml
22) T n-Tetracontane (C40)	22.111	3261979	20.670 ug/ml

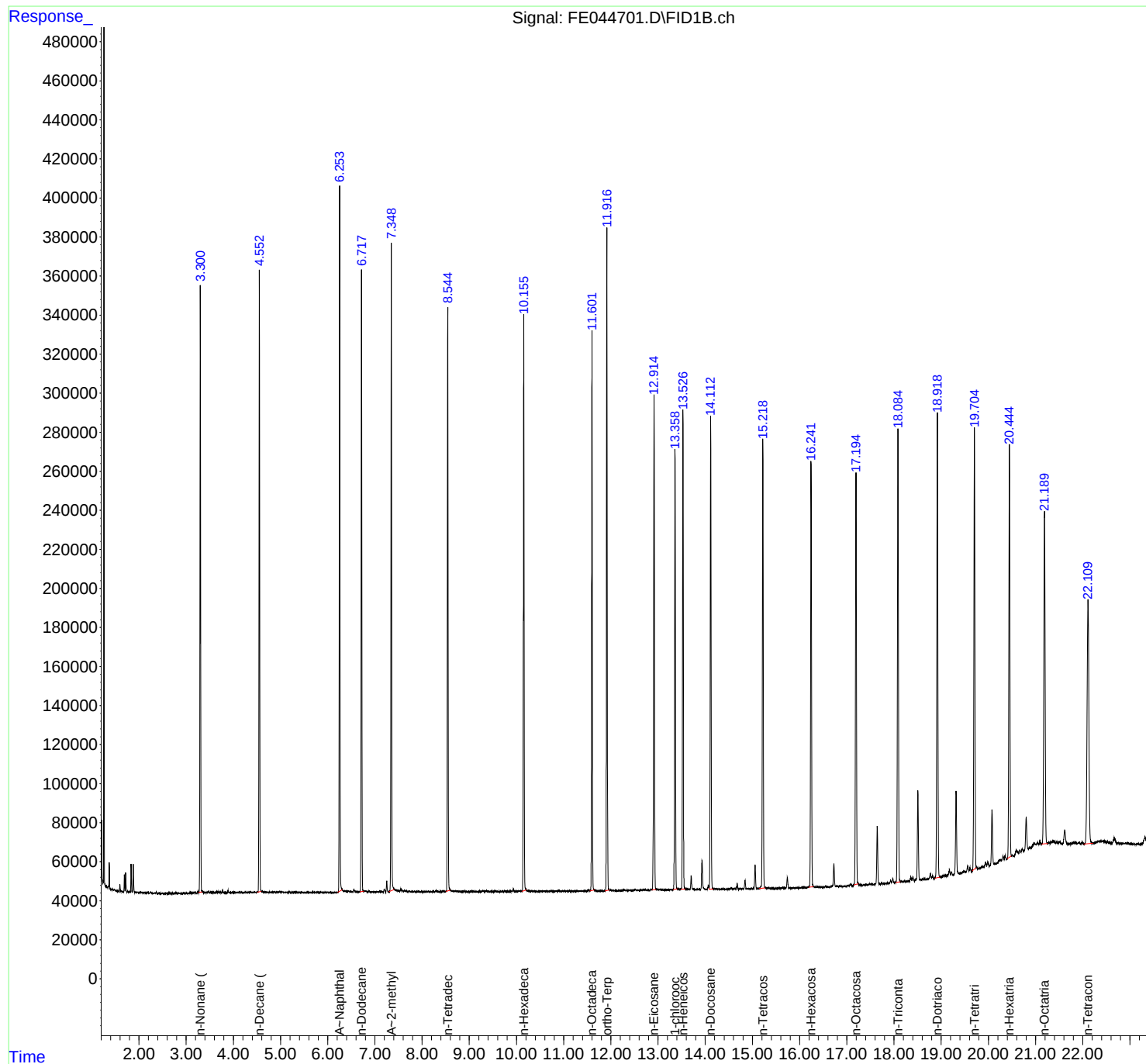
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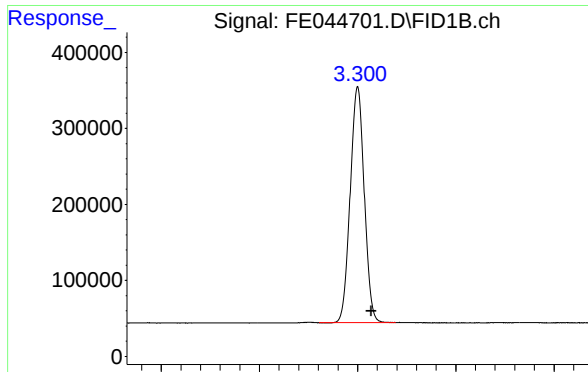
(m)=manual int.

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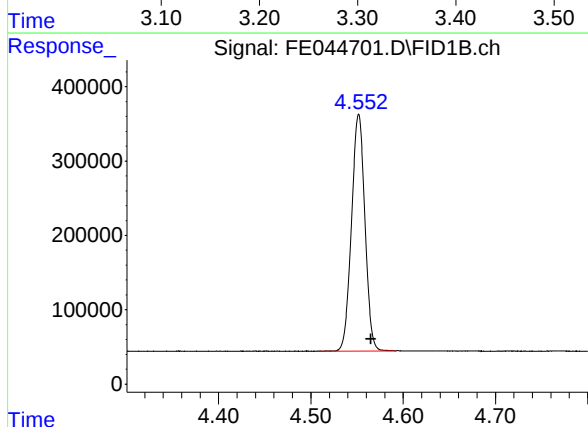
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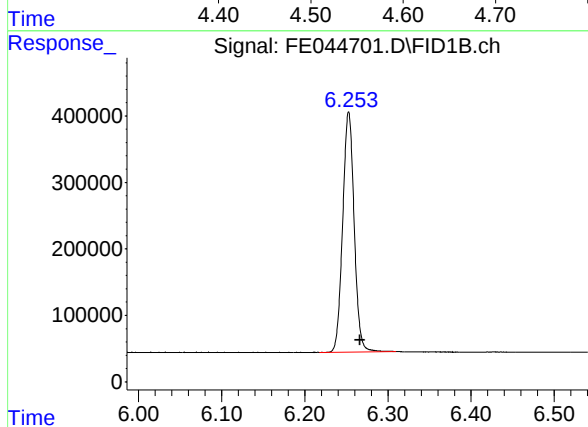
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: -0.014 min
Response: 3086878
Conc: 19.01 ug/ml



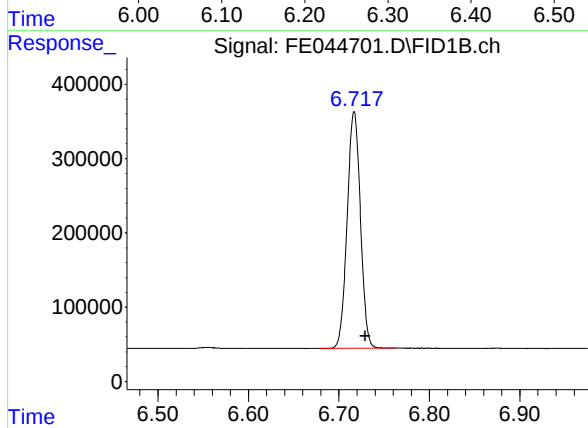
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: -0.013 min
Response: 3212952
Conc: 19.40 ug/ml



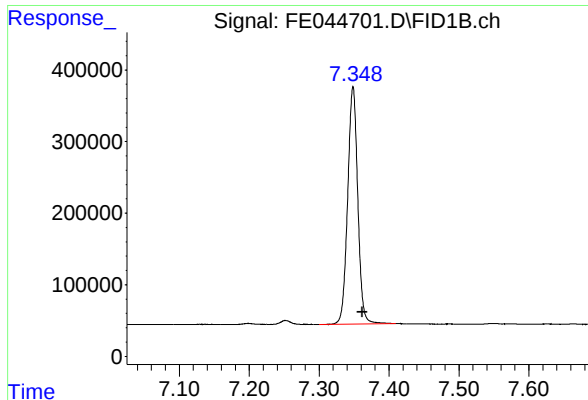
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.014 min
Response: 3467368
Conc: 19.39 ug/ml



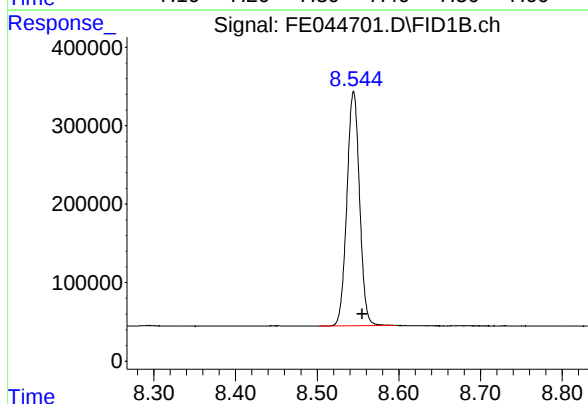
#4 n-Dodecane (C12)

R.T.: 6.717 min
Delta R.T.: -0.012 min
Response: 3245017
Conc: 19.51 ug/ml



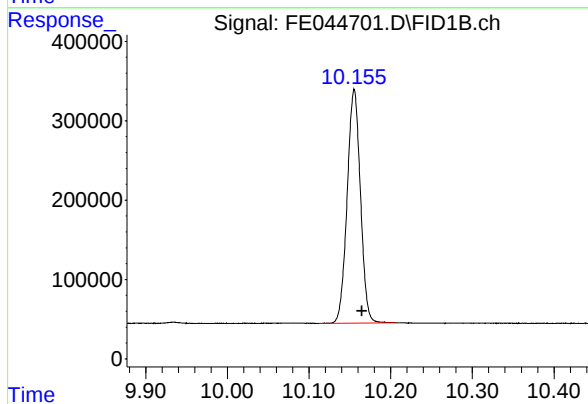
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.349 min
Delta R.T.: -0.013 min
Response: 3326818
Conc: 19.45 ug/ml



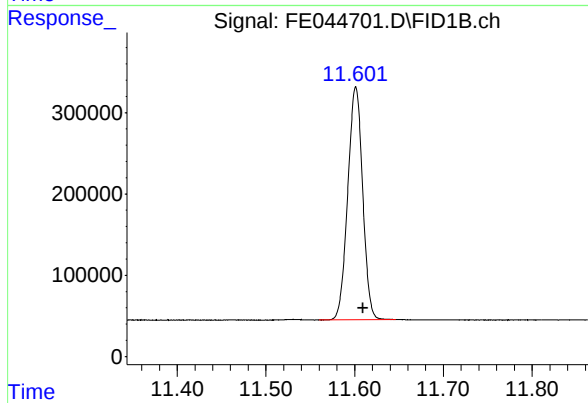
#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.011 min
Response: 3222464
Conc: 19.63 ug/ml



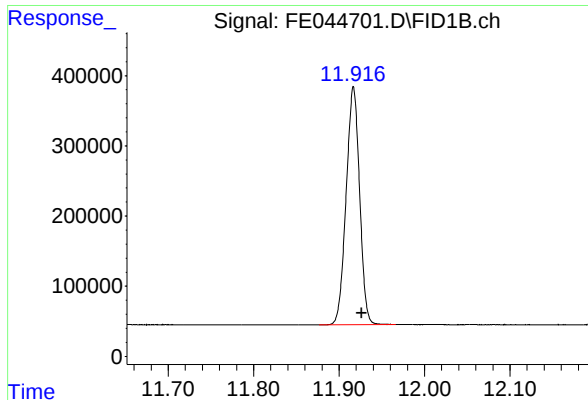
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: -0.009 min
Response: 3322467
Conc: 19.61 ug/ml



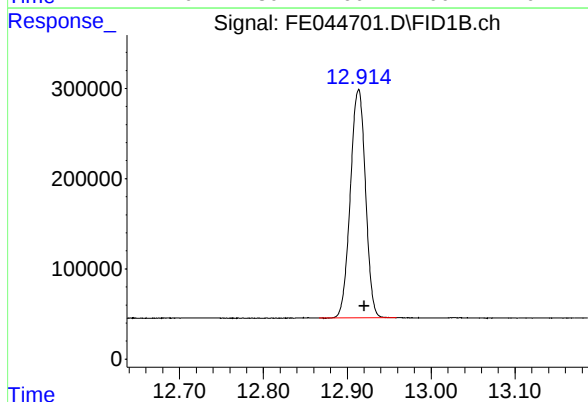
#8 n-Octadecane (C18)

R.T.: 11.601 min
Delta R.T.: -0.008 min
Response: 3342332
Conc: 19.69 ug/ml



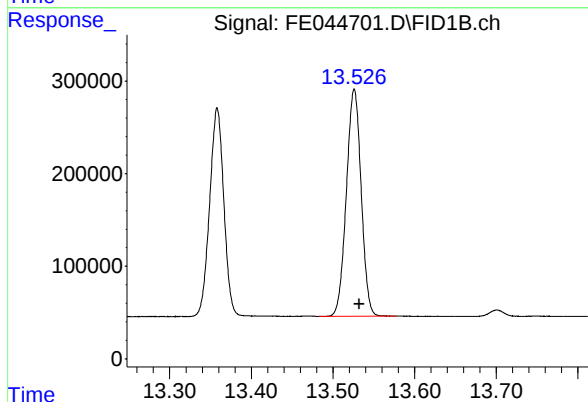
#9 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: -0.009 min
Response: 3703535
Conc: 19.73 ug/ml



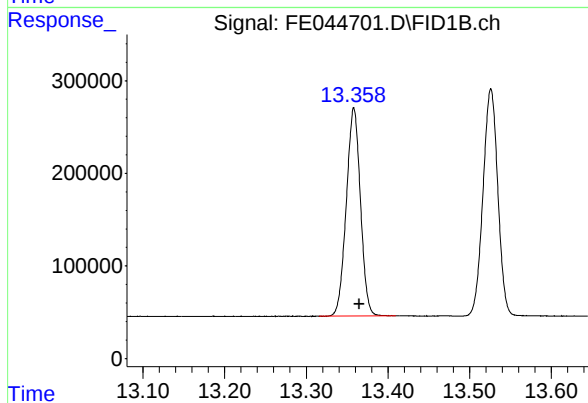
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: -0.007 min
Response: 3177260
Conc: 19.75 ug/ml



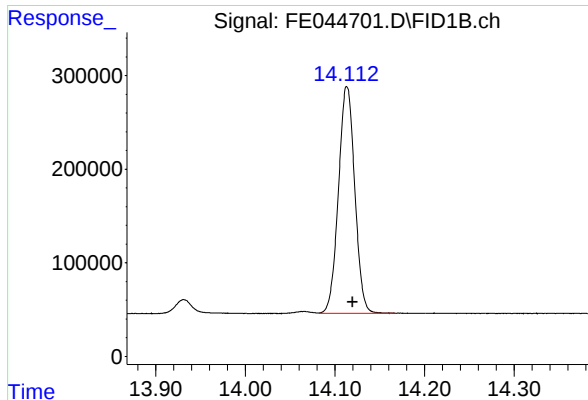
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: -0.006 min
Response: 3087973
Conc: 19.72 ug/ml



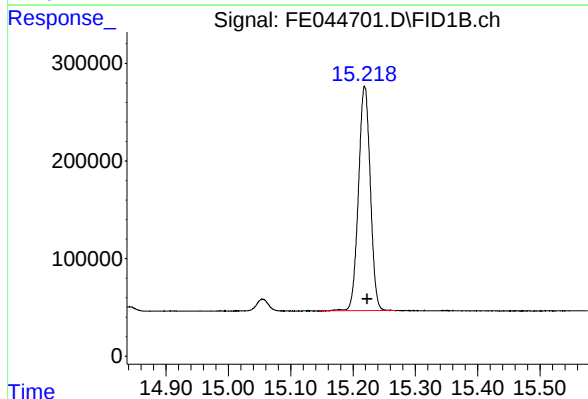
#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.007 min
Response: 2708412
Conc: 19.91 ug/ml



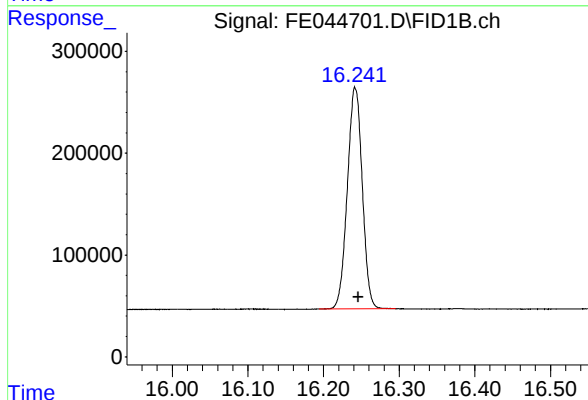
#13 n-Docosane (C22)

R.T.: 14.113 min
Delta R.T.: -0.007 min
Response: 3066493
Conc: 19.88 ug/ml



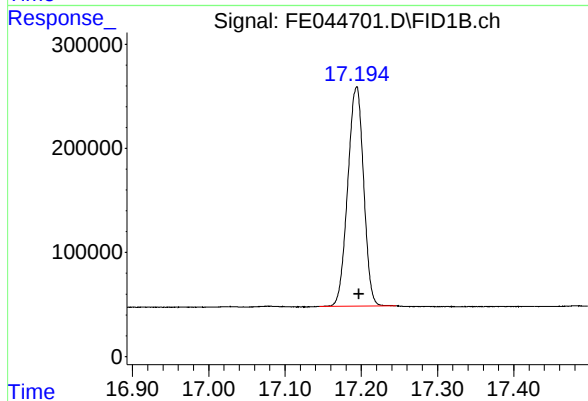
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: -0.005 min
Response: 3040179
Conc: 20.11 ug/ml



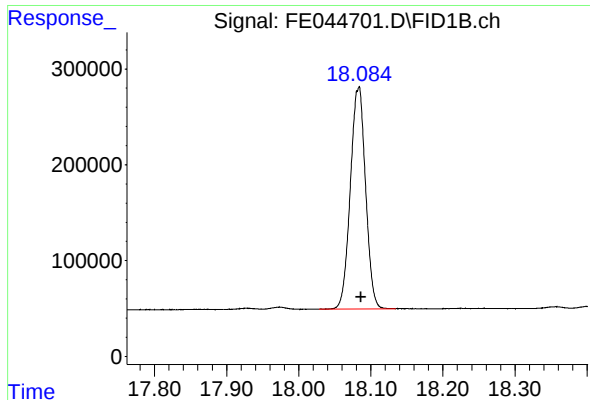
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: -0.004 min
Response: 2982080
Conc: 20.27 ug/ml



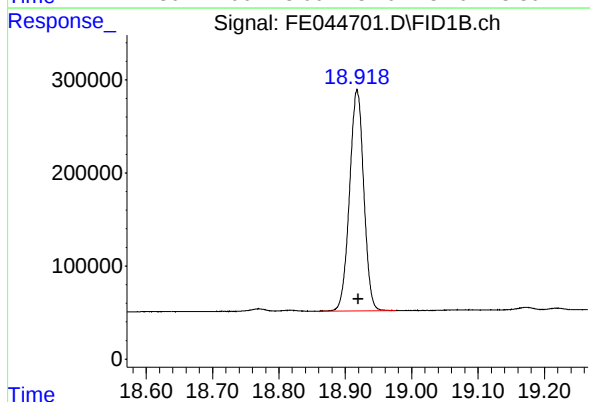
#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: -0.003 min
Response: 3053673
Conc: 21.29 ug/ml



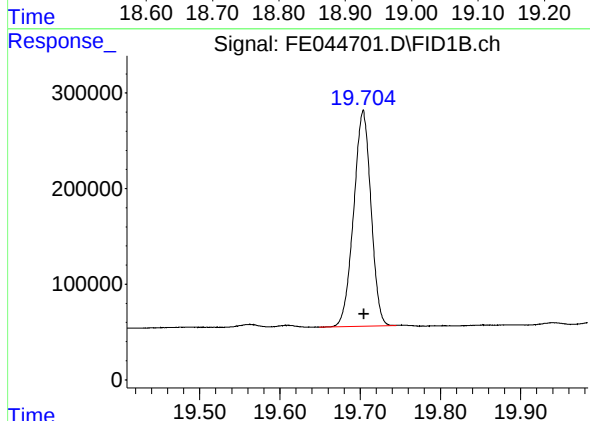
#17 n-Tricontane (C30)

R.T.: 18.083 min
Delta R.T.: -0.003 min
Response: 3401611
Conc: 22.95 ug/ml



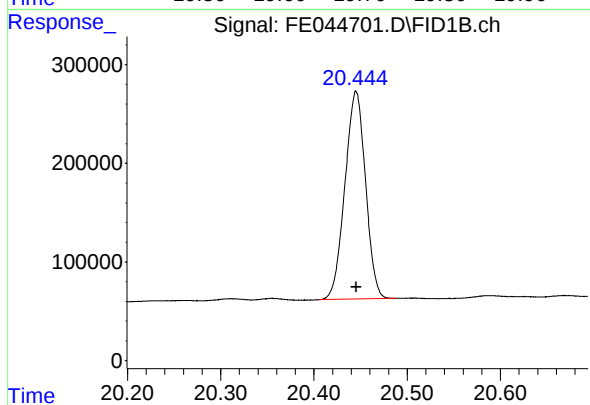
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.002 min
Response: 3533956
Conc: 23.87 ug/ml



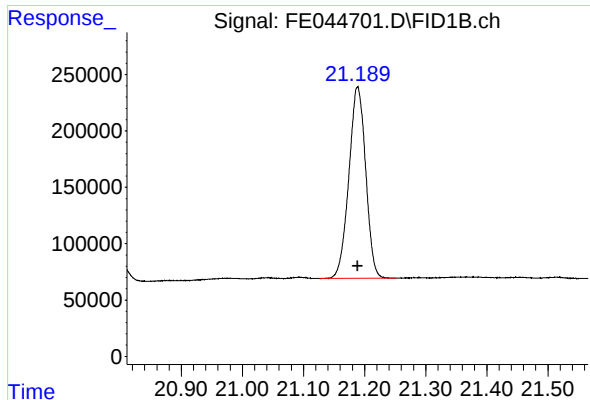
#19 n-Tetatriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.001 min
Response: 3375655
Conc: 23.10 ug/ml



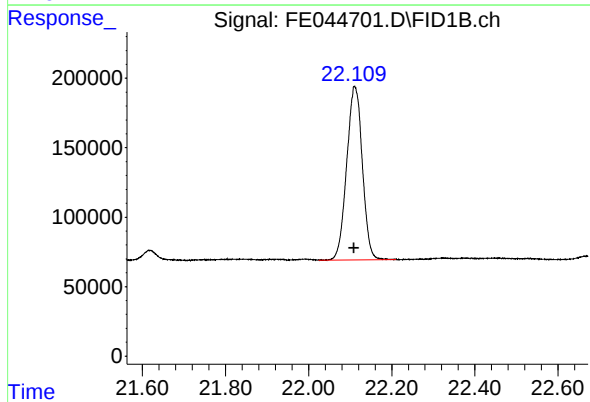
#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: 0.000 min
Response: 3237149
Conc: 22.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.000 min
Response: 3246876
Conc: 21.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.111 min
Delta R.T.: 0.001 min
Response: 3261979
Conc: 20.67 ug/ml