

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100723AL\
 Data File : FE044704.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2023 22:21
 Operator : YP\AJ
 Sample : 04699-03
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 09 00:25:17 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			
12) S 1-chlorooctadecane (S...	13.358	4453212	32.734 ug/ml
Spiked Amount 50.000		Recovery =	65.47%
Target Compounds			
1) T n-Nonane (C9)	3.300	248824	1.533 ug/ml
2) T n-Decane (C10)	4.550	326671	1.973 ug/mlm
4) T n-Dodecane (C12)	6.716	397039	2.387 ug/ml
6) T n-Tetradecane (C14)	8.543	356784	2.173 ug/ml
7) T n-Hexadecane (C16)	10.154	365462	2.157 ug/ml
8) T n-Octadecane (C18)	11.600	384802	2.266 ug/ml
10) T n-Eicosane (C20)	12.911	392670	2.441 ug/ml
11) T n-Heneicosane (C21)	13.524	374992	2.395 ug/ml
13) T n-Docosane (C22)	14.111	371404	2.408 ug/ml
14) T n-Tetracosane (C24)	15.217	368800	2.440 ug/ml
15) T n-Hexacosane (C26)	16.240	359436	2.444 ug/ml
16) T n-Octacosane (C28)	17.192	366586	2.556 ug/ml
17) T n-Tricontane (C30)	18.080	394215	2.659 ug/ml
18) T n-Dotriacontane (C32)	18.914	412076	2.784 ug/ml
19) T n-Tetratriacontane (C34)	19.700	389243	2.663 ug/ml
20) T n-Hexatriacontane (C36)	20.441	370340	2.553 ug/ml
21) T n-Octatriacontane (C38)	21.183	367914	2.456 ug/ml
22) T n-Tetracontane (C40)	22.106	350190	2.219 ug/ml

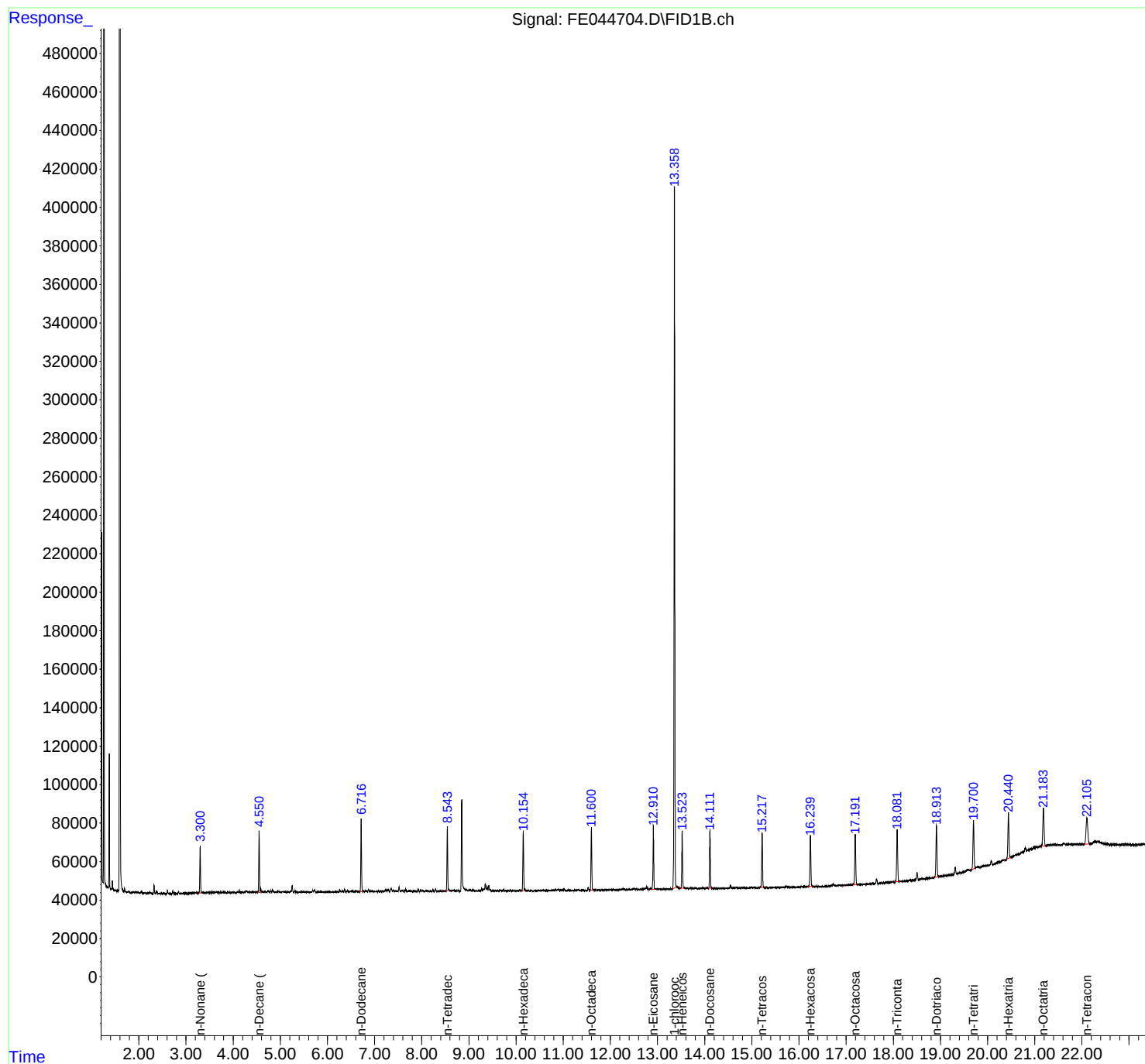
(f)=RT Delta > 1/2 Window

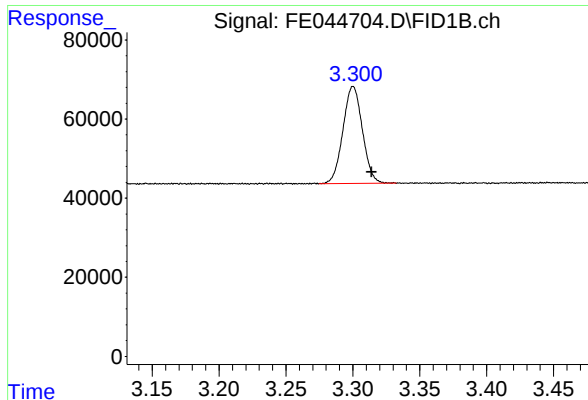
(m)=manual int.

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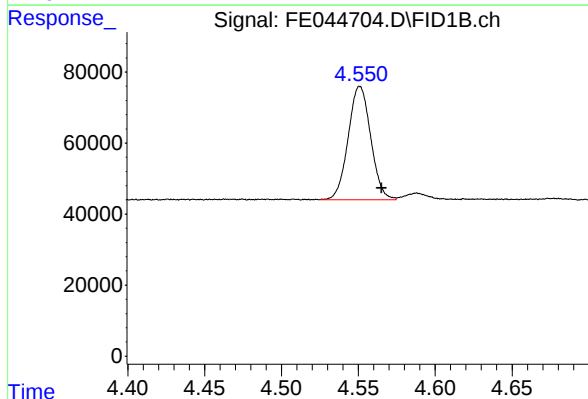
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Signal Info : 20M x 0.18mm x 0.18um





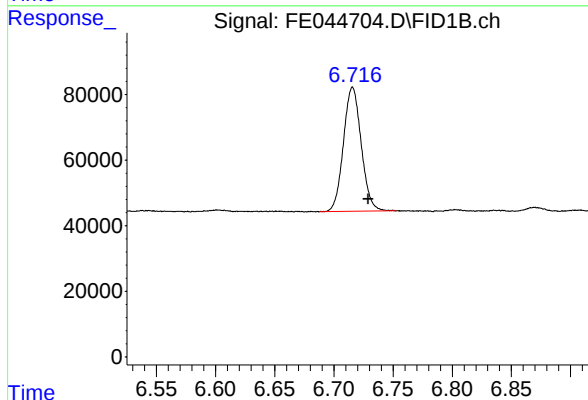
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: -0.014 min
Response: 248824
Conc: 1.53 ug/ml



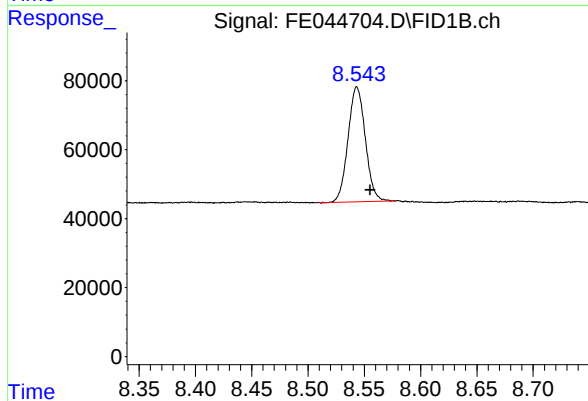
#2 n-Decane (C10)

R.T.: 4.550 min
Delta R.T.: -0.015 min
Response: 326671
Conc: 1.97 ug/ml m



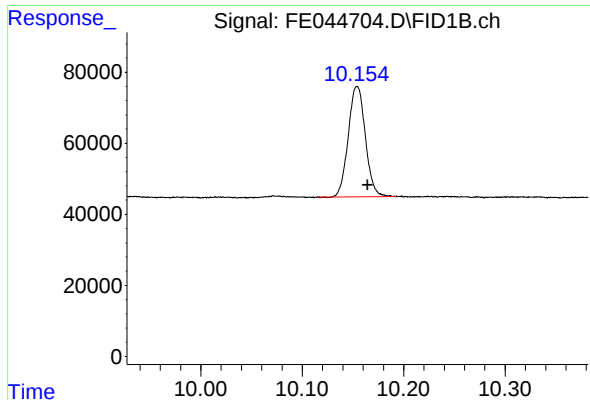
#4 n-Dodecane (C12)

R.T.: 6.716 min
Delta R.T.: -0.013 min
Response: 397039
Conc: 2.39 ug/ml



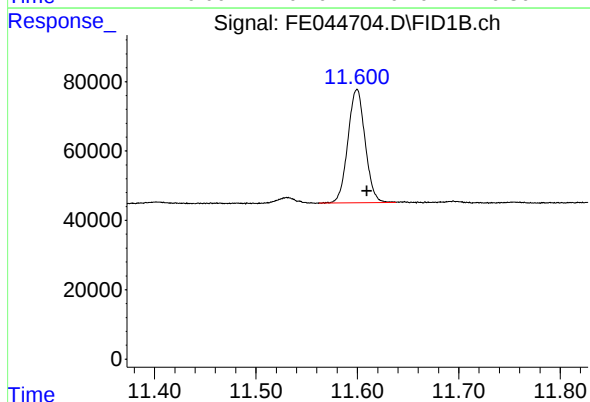
#6 n-Tetradecane (C14)

R.T.: 8.543 min
Delta R.T.: -0.012 min
Response: 356784
Conc: 2.17 ug/ml



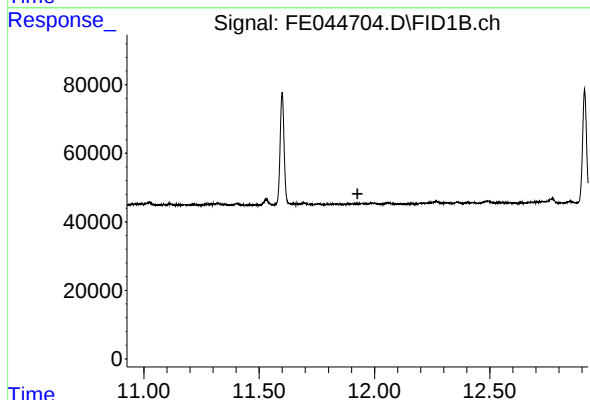
#7 n-Hexadecane (C16)

R.T.: 10.154 min
Delta R.T.: -0.011 min
Response: 365462
Conc: 2.16 ug/ml



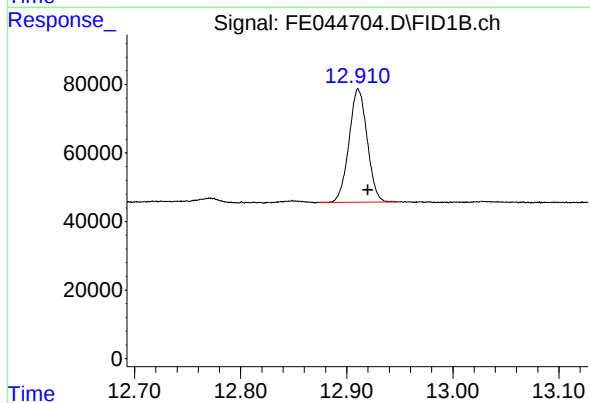
#8 n-Octadecane (C18)

R.T.: 11.600 min
Delta R.T.: -0.010 min
Response: 384802
Conc: 2.27 ug/ml



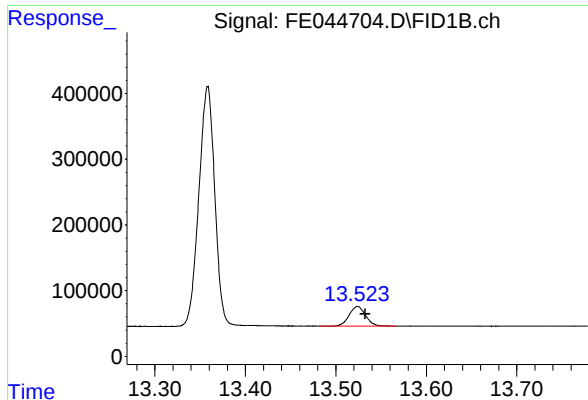
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.926 min
Response: 0
Conc: N.D.



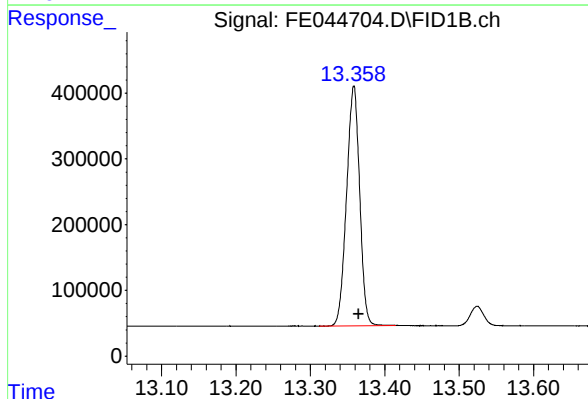
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: -0.009 min
Response: 392670
Conc: 2.44 ug/ml



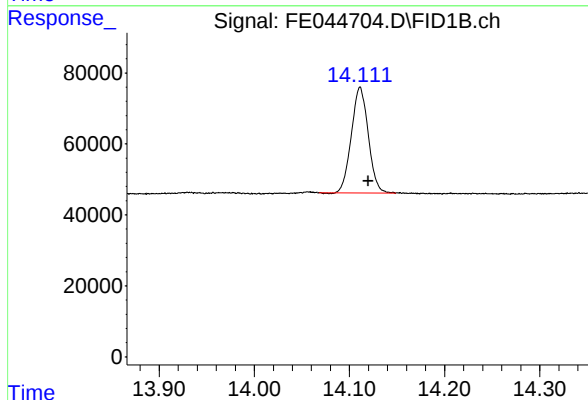
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: -0.008 min
Response: 374992
Conc: 2.39 ug/ml



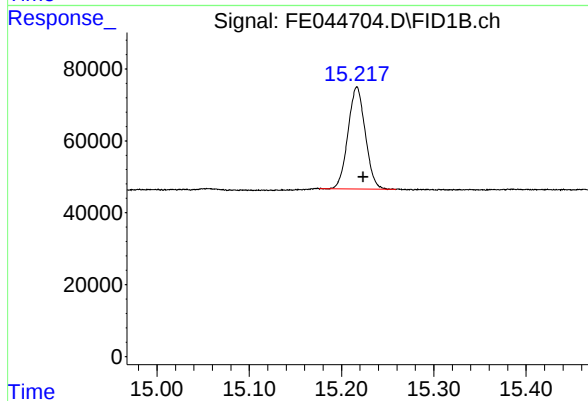
#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.007 min
Response: 4453212
Conc: 32.73 ug/ml



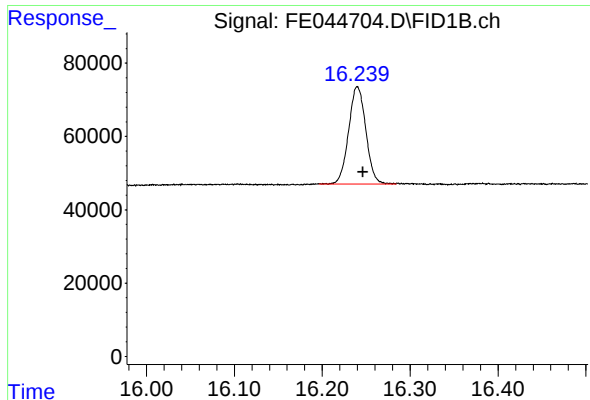
#13 n-Docosane (C22)

R.T.: 14.111 min
Delta R.T.: -0.009 min
Response: 371404
Conc: 2.41 ug/ml



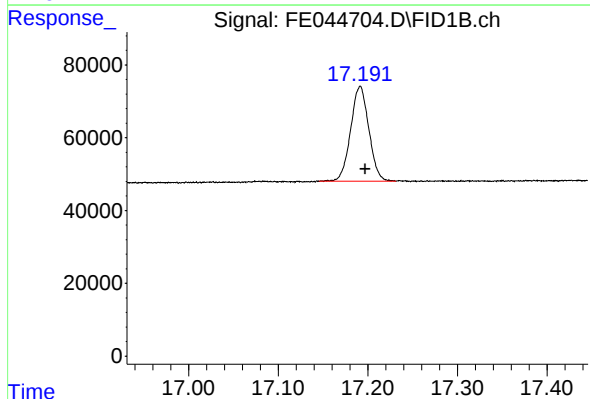
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: -0.007 min
Response: 368800
Conc: 2.44 ug/ml



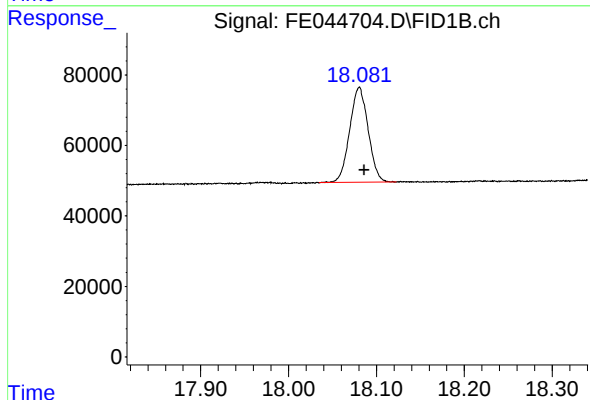
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: -0.006 min
Response: 359436
Conc: 2.44 ug/ml



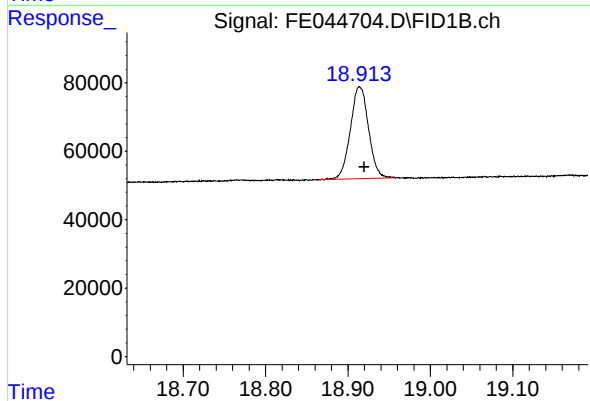
#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: -0.006 min
Response: 366586
Conc: 2.56 ug/ml



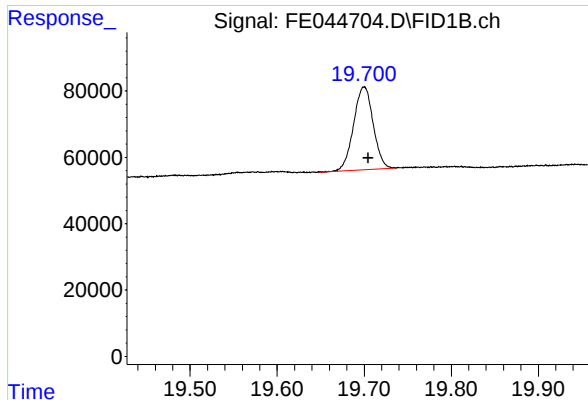
#17 n-Tricontane (C30)

R.T.: 18.080 min
Delta R.T.: -0.006 min
Response: 394215
Conc: 2.66 ug/ml



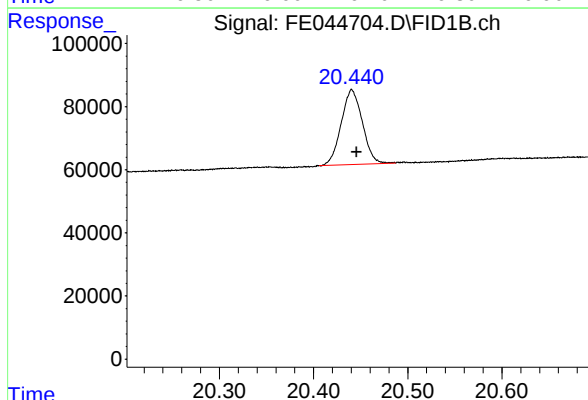
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: -0.006 min
Response: 412076
Conc: 2.78 ug/ml



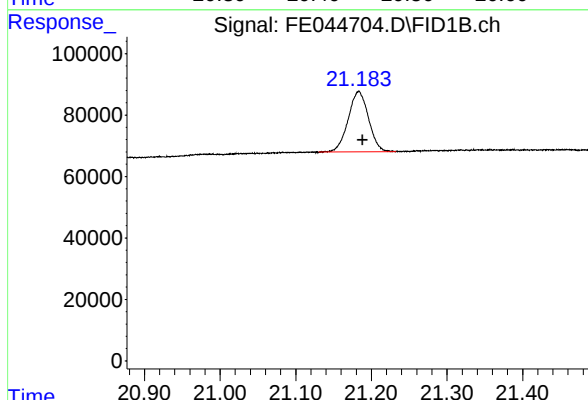
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.005 min
Response: 389243
Conc: 2.66 ug/ml



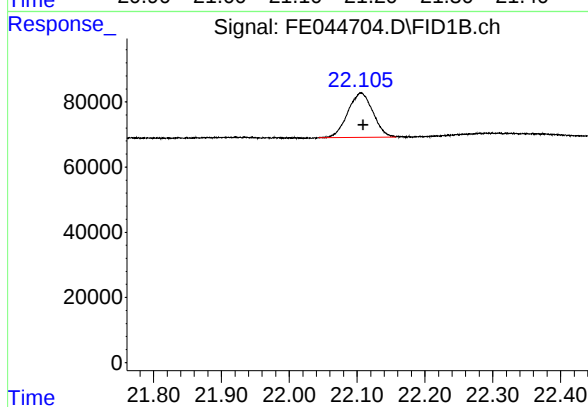
#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: -0.005 min
Response: 370340
Conc: 2.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.005 min
Response: 367914
Conc: 2.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: -0.003 min
Response: 350190
Conc: 2.22 ug/ml