

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100723AL\
 Data File : FE044705.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2023 22:51
 Operator : YP\AJ
 Sample : 04699-09
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 09 00:25:26 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...	13.359	5043713	37.074 ug/ml
Spiked Amount 50.000		Recovery =	74.15%
Target Compounds			
1) T n-Nonane (C9)	3.301	285372	1.758 ug/ml
2) T n-Decane (C10)	4.551	361679	2.184 ug/mlm
4) T n-Dodecane (C12)	6.716	409172	2.460 ug/ml
6) T n-Tetradecane (C14)	8.543	474250	2.889 ug/mlm
7) T n-Hexadecane (C16)	10.155	494567	2.919 ug/ml
8) T n-Octadecane (C18)	11.599	509429	3.000 ug/ml
10) T n-Eicosane (C20)	12.911	500118	3.108 ug/ml
11) T n-Heneicosane (C21)	13.524	440726	2.815 ug/ml
13) T n-Docosane (C22)	14.112	462722	3.000 ug/ml
14) T n-Tetracosane (C24)	15.216	476101	3.150 ug/mlm
15) T n-Hexacosane (C26)	16.239	442200	3.006 ug/mlm
16) T n-Octacosane (C28)	17.190	434117	3.027 ug/mlm
17) T n-Tricontane (C30)	18.081	474856	3.203 ug/ml
18) T n-Dotriacontane (C32)	18.915	486351	3.285 ug/ml
19) T n-Tetratriacontane (C34)	19.700	469591	3.213 ug/ml
20) T n-Hexatriacontane (C36)	20.443	434301	2.994 ug/ml
21) T n-Octatriacontane (C38)	21.184	431736	2.882 ug/ml
22) T n-Tetracontane (C40)	22.105	421455	2.671 ug/ml

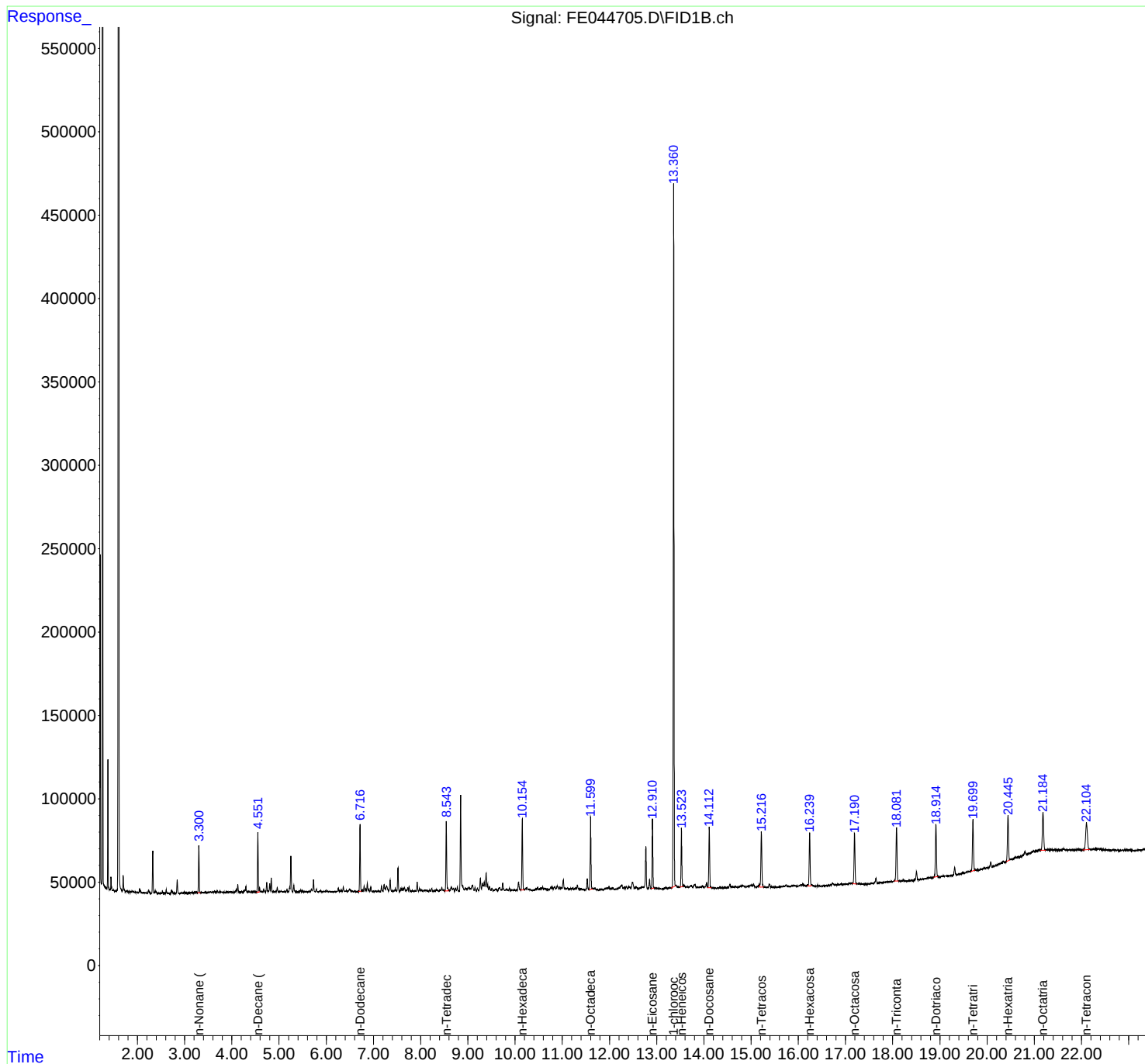
(f)=RT Delta > 1/2 Window

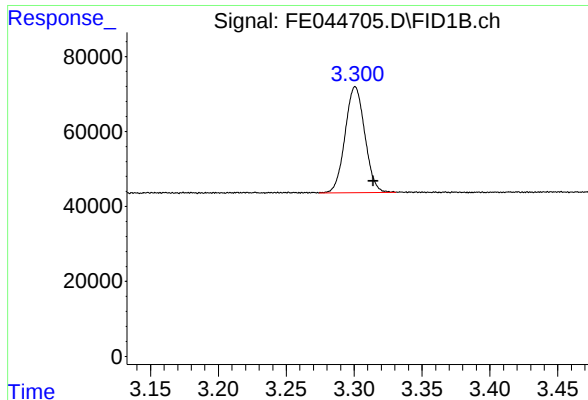
(m)=manual int.

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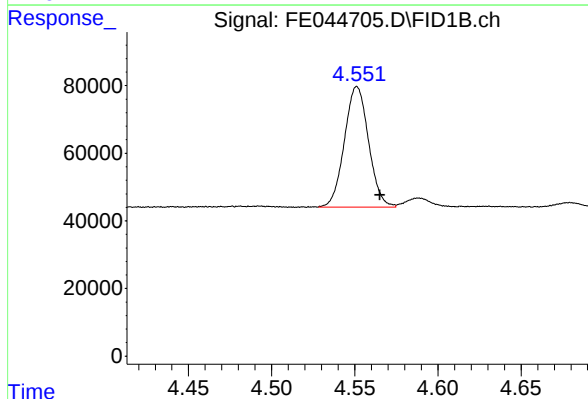
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Signal Info : 20M x 0.18mm x 0.18um





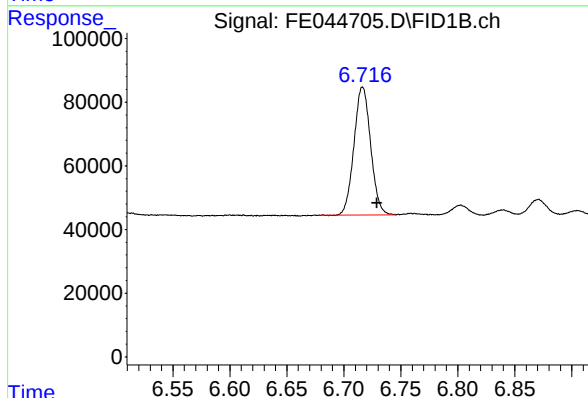
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.013 min
Response: 285372
Conc: 1.76 ug/ml



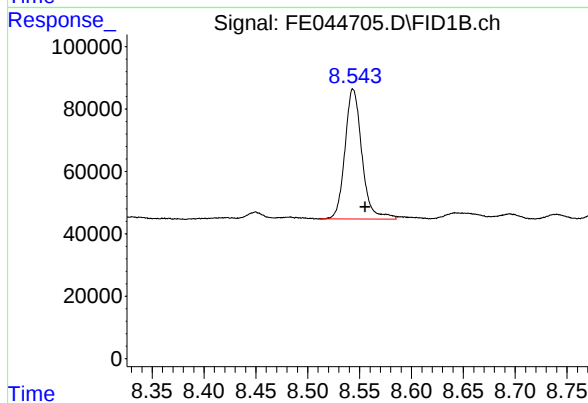
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: -0.014 min
Response: 361679
Conc: 2.18 ug/ml m



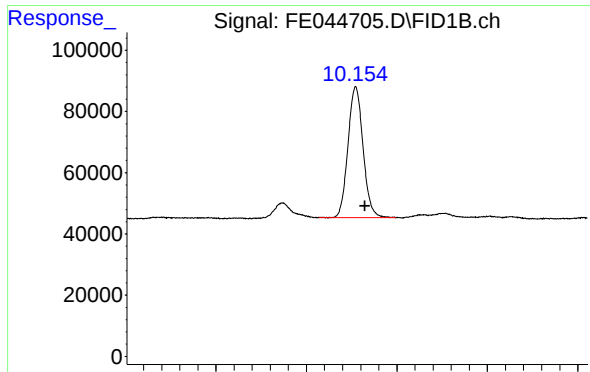
#4 n-Dodecane (C12)

R.T.: 6.716 min
Delta R.T.: -0.013 min
Response: 409172
Conc: 2.46 ug/ml



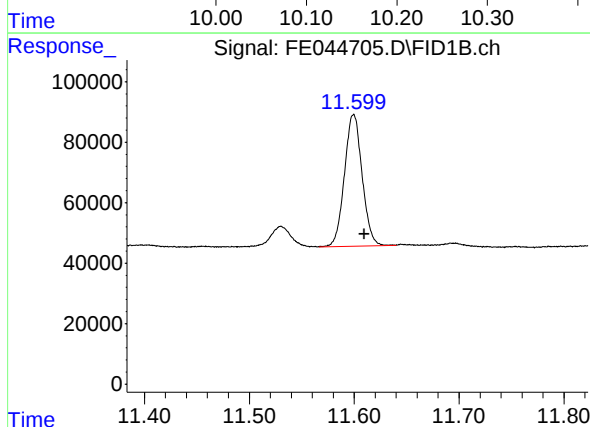
#6 n-Tetradecane (C14)

R.T.: 8.543 min
Delta R.T.: -0.012 min
Response: 474250
Conc: 2.89 ug/ml m



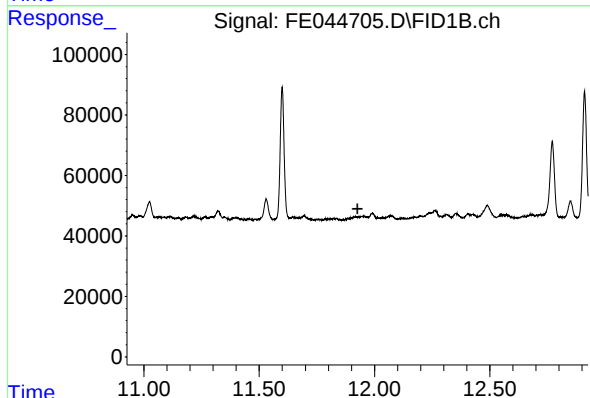
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: -0.010 min
Response: 494567
Conc: 2.92 ug/ml



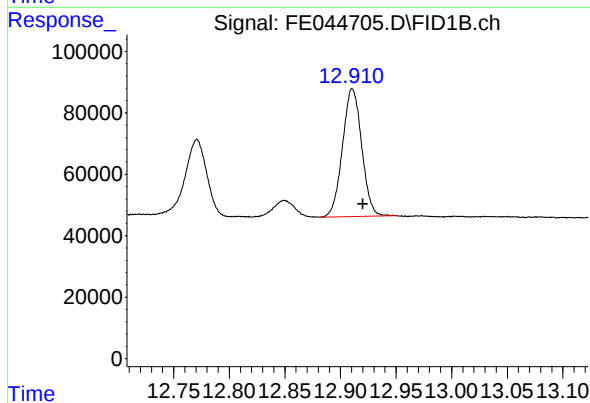
#8 n-Octadecane (C18)

R.T.: 11.599 min
Delta R.T.: -0.010 min
Response: 509429
Conc: 3.00 ug/ml



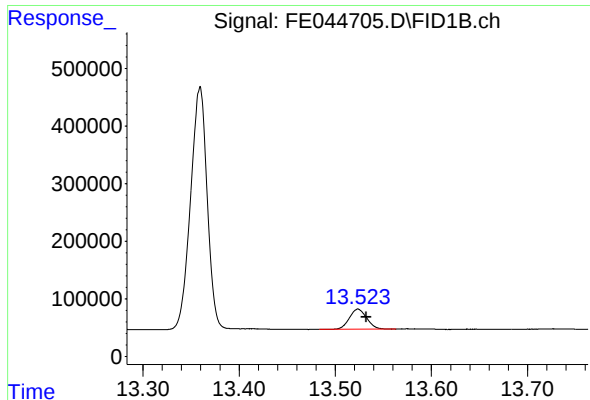
#9 ortho-Terphenyl (SURR)

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



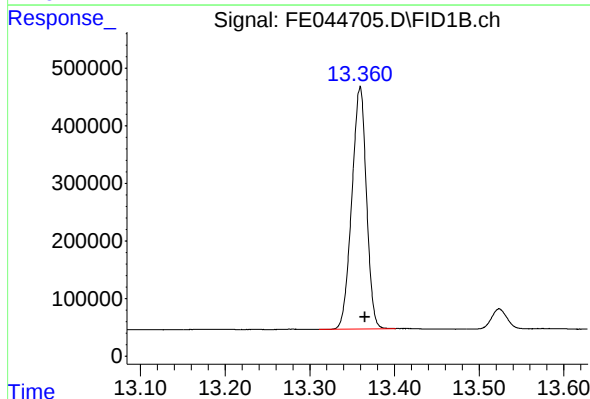
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: -0.009 min
Response: 500118
Conc: 3.11 ug/ml



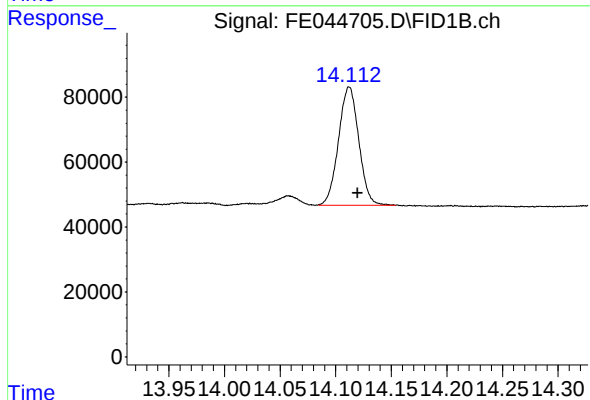
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: -0.009 min
Response: 440726
Conc: 2.81 ug/ml



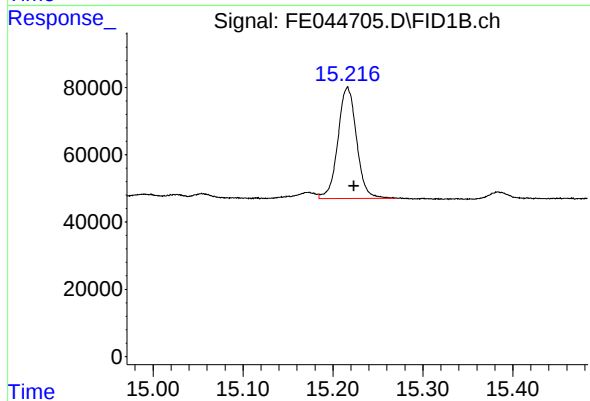
#12 1-chlorooctadecane (SURR)

R.T.: 13.359 min
Delta R.T.: -0.006 min
Response: 5043713
Conc: 37.07 ug/ml



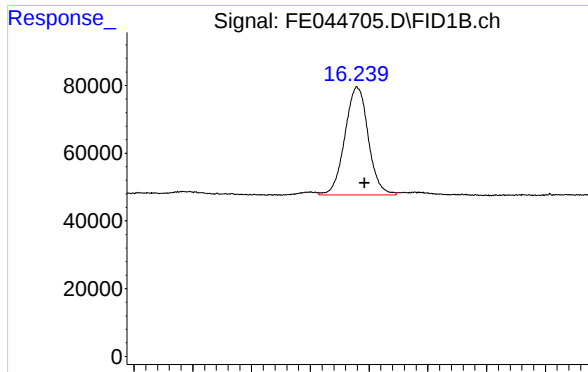
#13 n-Docosane (C22)

R.T.: 14.112 min
Delta R.T.: -0.008 min
Response: 462722
Conc: 3.00 ug/ml



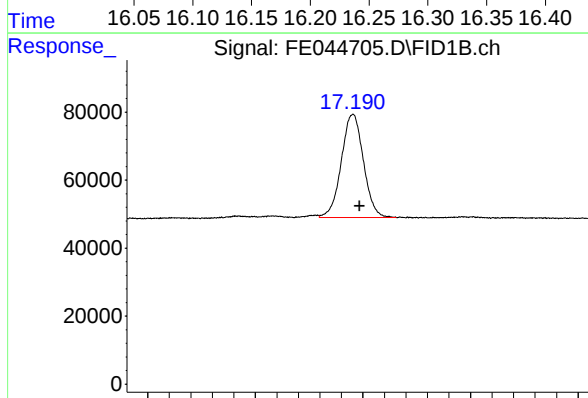
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.007 min
Response: 476101
Conc: 3.15 ug/ml m



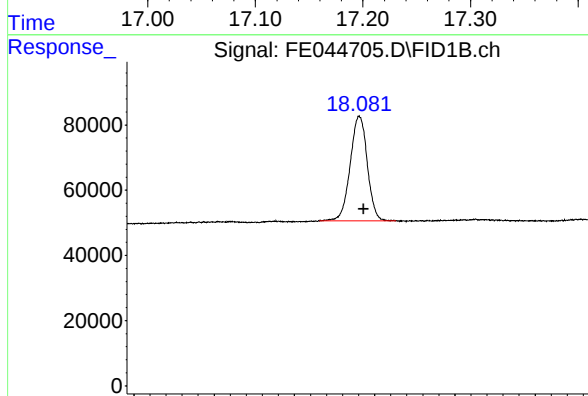
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: -0.007 min
Response: 442200
Conc: 3.01 ug/ml m



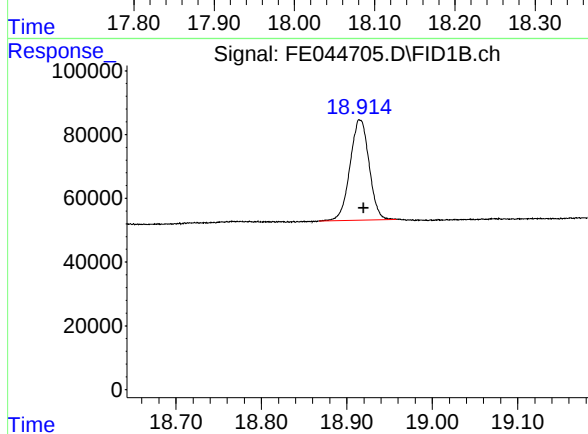
#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: -0.007 min
Response: 434117
Conc: 3.03 ug/ml m



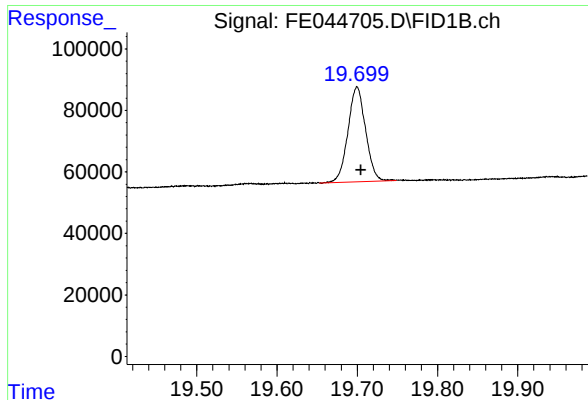
#17 n-Tricontane (C30)

R.T.: 18.081 min
Delta R.T.: -0.005 min
Response: 474856
Conc: 3.20 ug/ml



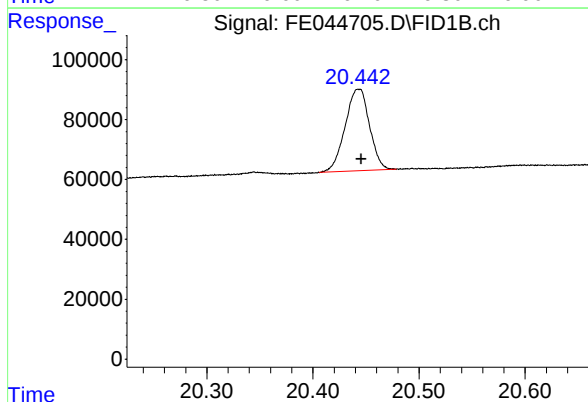
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.004 min
Response: 486351
Conc: 3.29 ug/ml



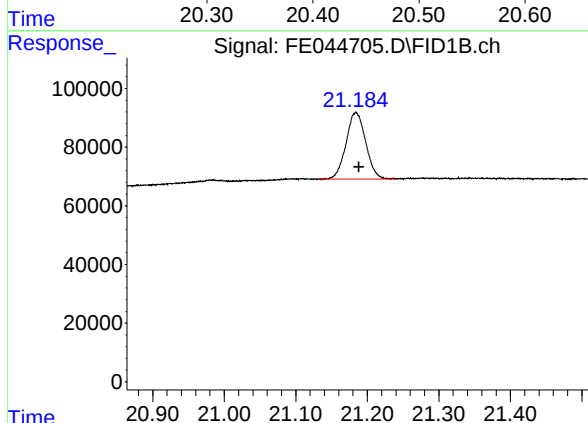
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.005 min
Response: 469591
Conc: 3.21 ug/ml



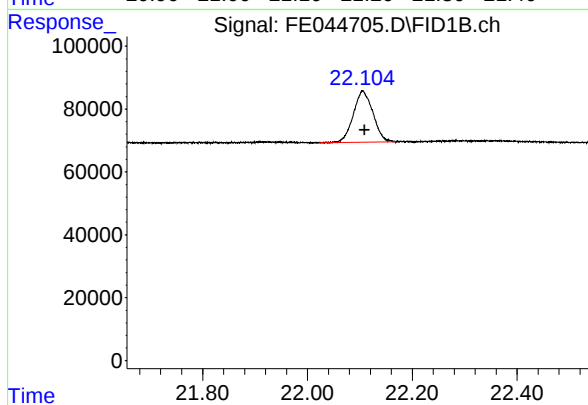
#20 n-Hexatriacontane (C36)

R.T.: 20.443 min
Delta R.T.: -0.002 min
Response: 434301
Conc: 2.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.004 min
Response: 431736
Conc: 2.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: -0.004 min
Response: 421455
Conc: 2.67 ug/ml