

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101022AL\
 Data File : FE038042.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2022 18:55
 Operator : YP\AJ
 Sample : N4955-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 06:52:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 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...	13.021	3299094	24.408 ug/ml
Spiked Amount 50.000		Recovery =	48.82%
Target Compounds			
1) T n-Nonane (C9)	3.004	275098	1.868 ug/ml
2) T n-Decane (C10)	4.259	352805	2.386 ug/ml
4) T n-Dodecane (C12)	6.428	508343	3.336 ug/ml
6) T n-Tetradecane (C14)	8.246	555341	3.628 ug/ml
7) T n-Hexadecane (C16)	9.843	543996	3.483 ug/ml
8) T n-Octadecane (C18)	11.276	590304	3.680 ug/ml
10) T n-Eicosane (C20)	12.577	598803	3.672 ug/ml
11) T n-Heneicosane (C21)	13.185	600173	3.643 ug/ml
13) T n-Docosane (C22)	13.768	591623	3.594 ug/ml
14) T n-Tetracosane (C24)	14.864	576016	3.512 ug/ml
15) T n-Hexacosane (C26)	15.877	547782	3.359 ug/ml
16) T n-Octacosane (C28)	16.822	530863	3.314 ug/ml
17) T n-Tricontane (C30)	17.704	537315	3.358 ug/ml
18) T n-Dotriacontane (C32)	18.532	532207	3.380 ug/ml
19) T n-Tetratriacontane (C34)	19.312	495591	3.345 ug/ml
20) T n-Hexatriacontane (C36)	20.048	450708	3.126 ug/ml
21) T n-Octatriacontane (C38)	20.745	422219	3.111 ug/ml
22) T n-Tetracontane (C40)	21.511	398347	3.129 ug/ml

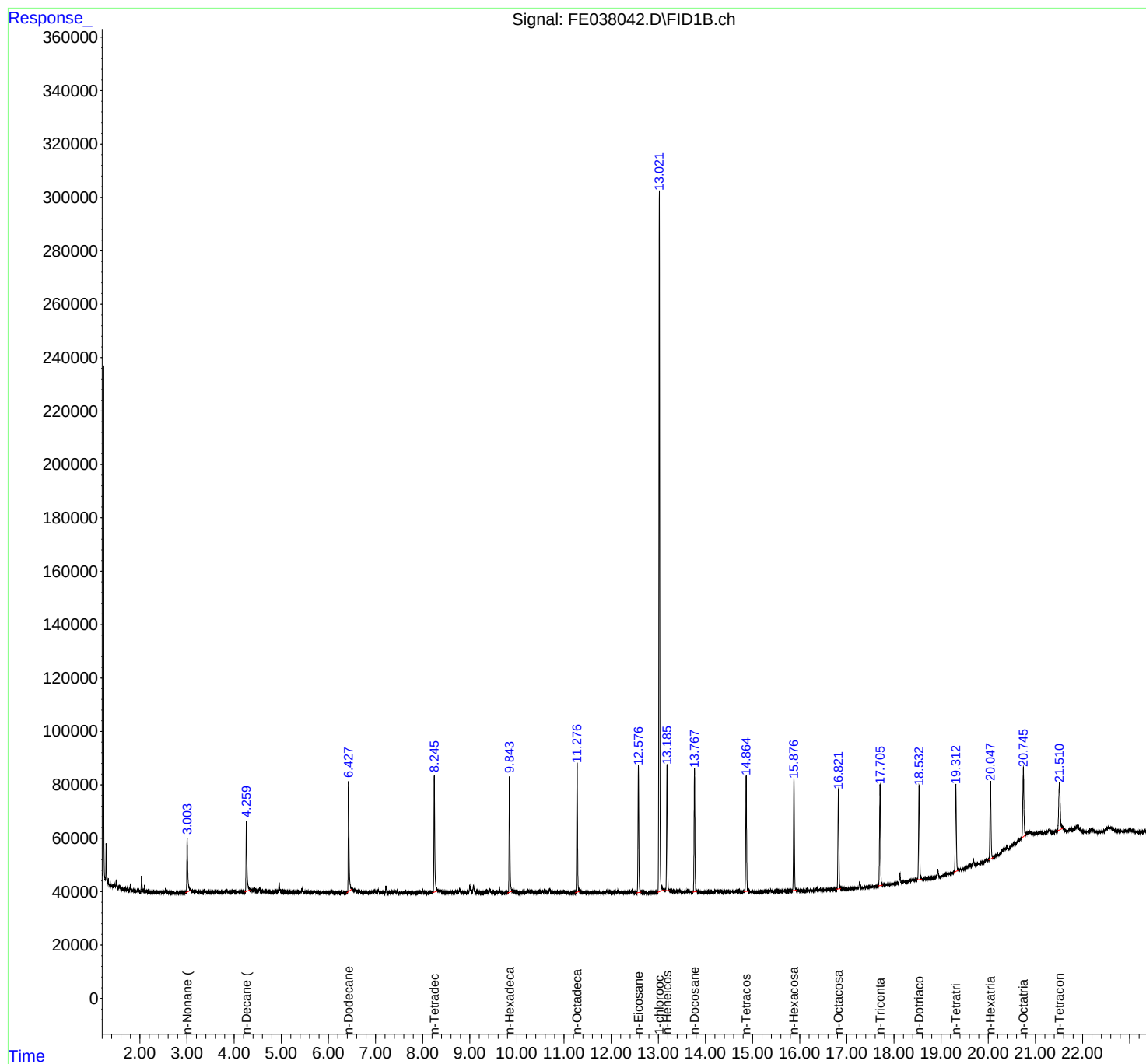
(f)=RT Delta > 1/2 Window

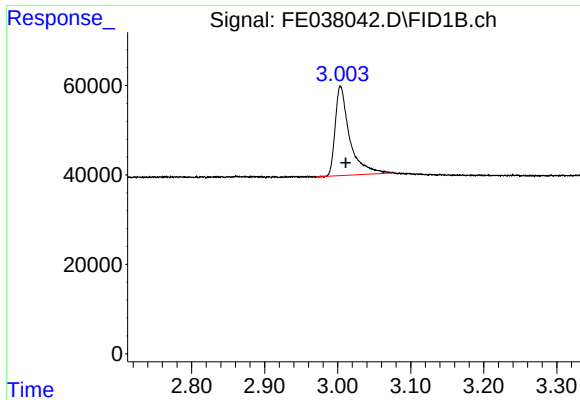
(m)=manual int.

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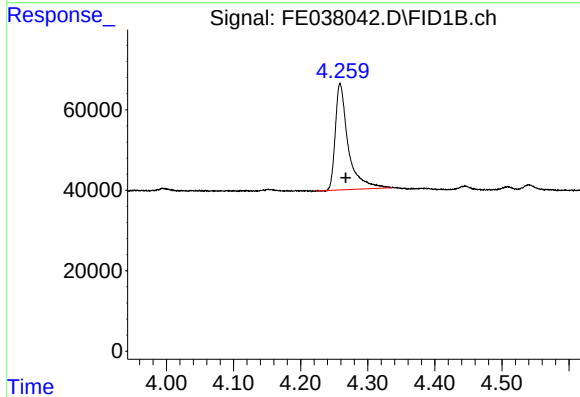
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





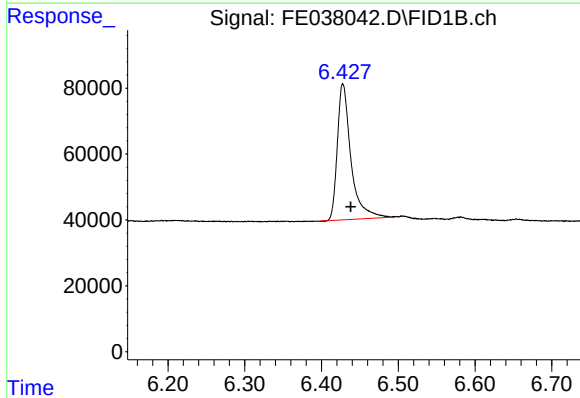
#1 n-Nonane (C9)

R.T.: 3.004 min
Delta R.T.: -0.007 min
Response: 275098
Conc: 1.87 ug/ml



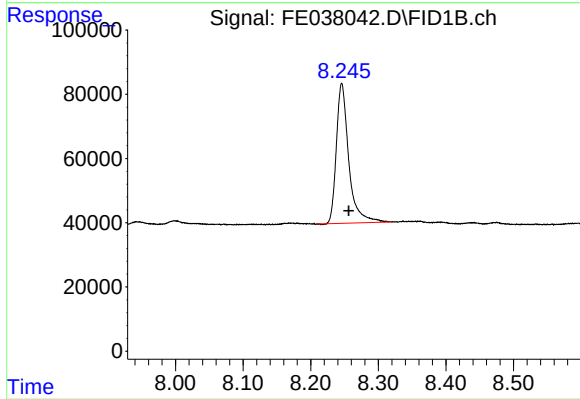
#2 n-Decane (C10)

R.T.: 4.259 min
Delta R.T.: -0.009 min
Response: 352805
Conc: 2.39 ug/ml



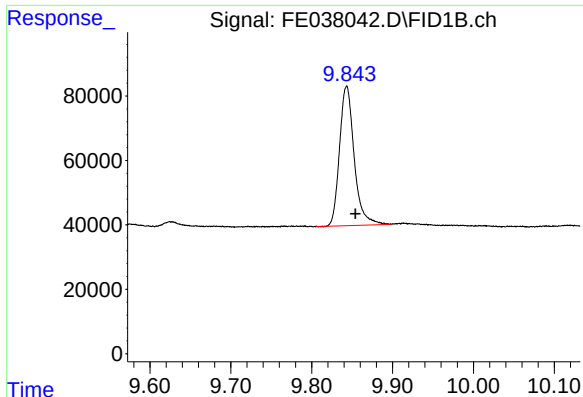
#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: -0.010 min
Response: 508343
Conc: 3.34 ug/ml



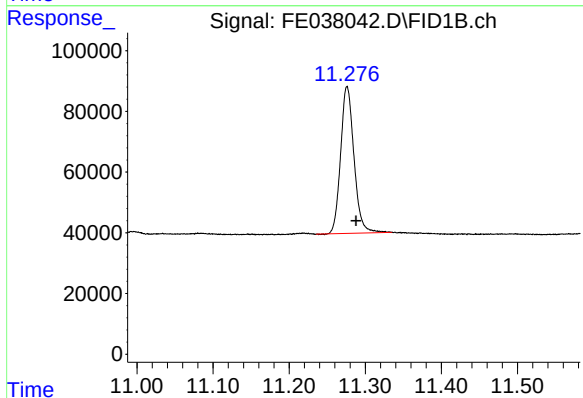
#6 n-Tetradecane (C14)

R.T.: 8.246 min
Delta R.T.: -0.010 min
Response: 555341
Conc: 3.63 ug/ml



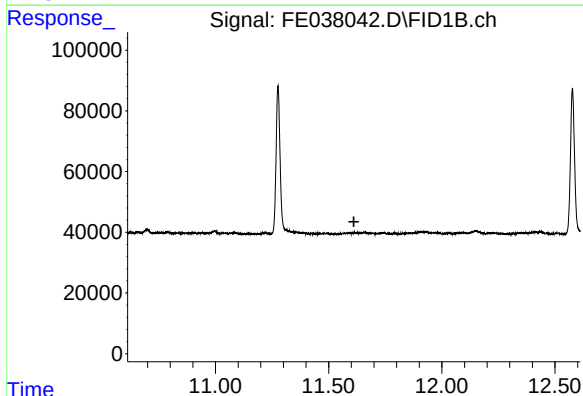
#7 n-Hexadecane (C16)

R.T.: 9.843 min
Delta R.T.: -0.011 min
Response: 543996
Conc: 3.48 ug/ml



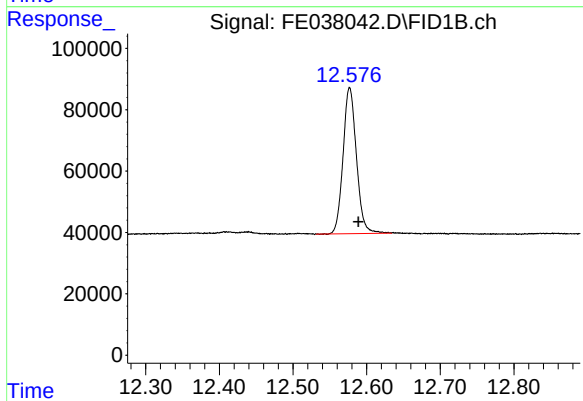
#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: -0.012 min
Response: 590304
Conc: 3.68 ug/ml



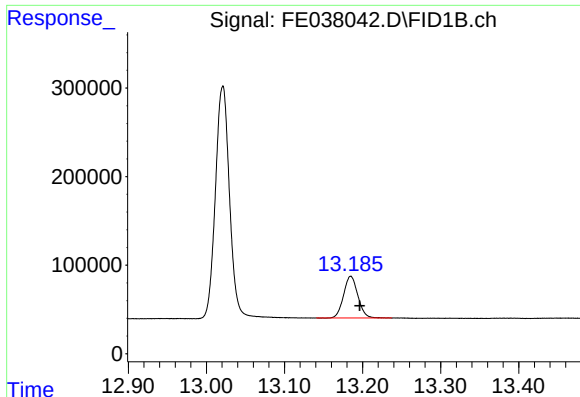
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.612 min
Response: 0
Conc: N.D.



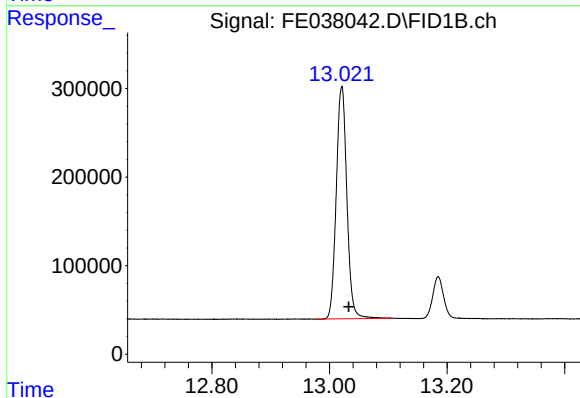
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.012 min
Response: 598803
Conc: 3.67 ug/ml



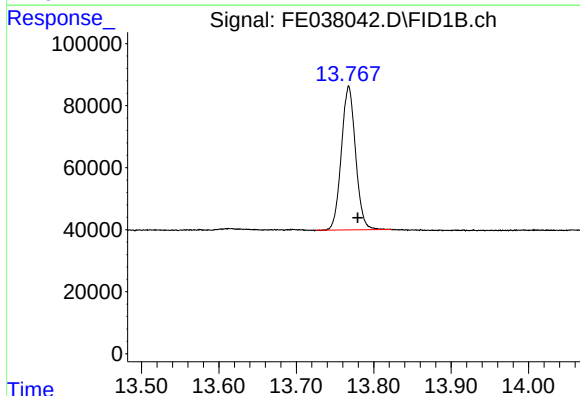
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: -0.011 min
Response: 600173
Conc: 3.64 ug/ml



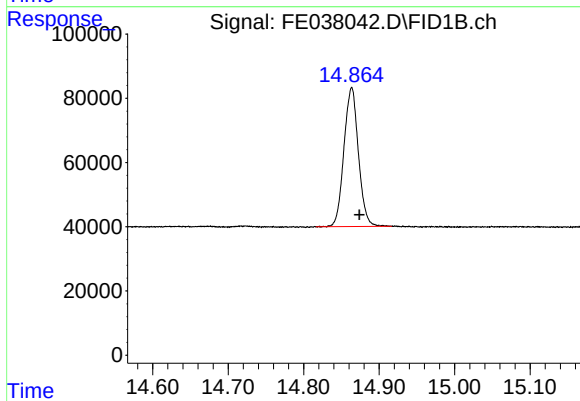
#12 1-chlorooctadecane (SURR)

R.T.: 13.021 min
Delta R.T.: -0.012 min
Response: 3299094
Conc: 24.41 ug/ml



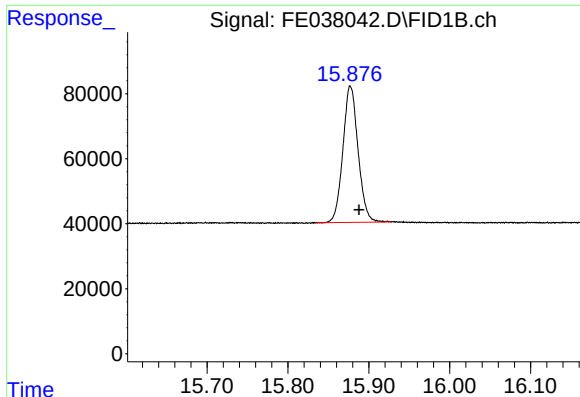
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: -0.011 min
Response: 591623
Conc: 3.59 ug/ml



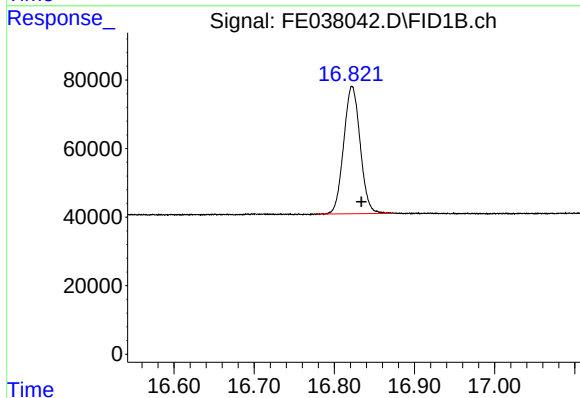
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: -0.010 min
Response: 576016
Conc: 3.51 ug/ml



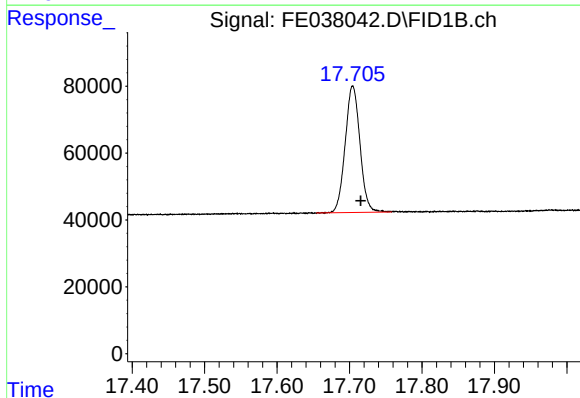
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: -0.011 min
Response: 547782
Conc: 3.36 ug/ml



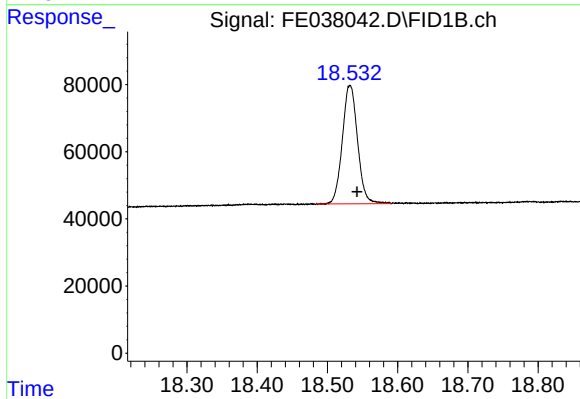
#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: -0.011 min
Response: 530863
Conc: 3.31 ug/ml



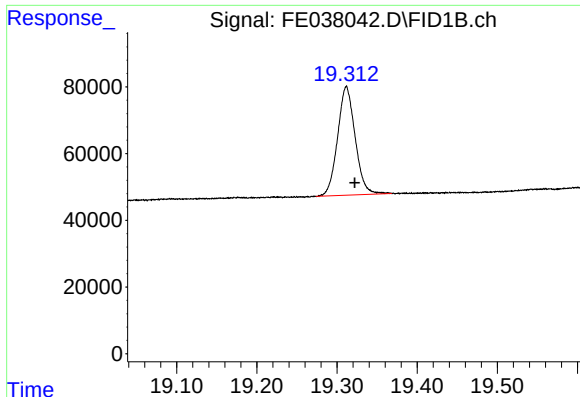
#17 n-Tricontane (C30)

R.T.: 17.704 min
Delta R.T.: -0.011 min
Response: 537315
Conc: 3.36 ug/ml



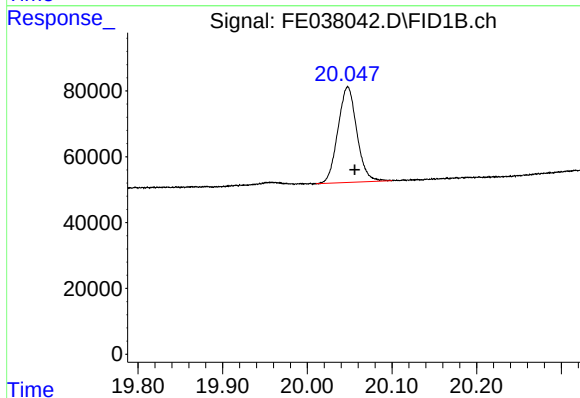
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: -0.010 min
Response: 532207
Conc: 3.38 ug/ml



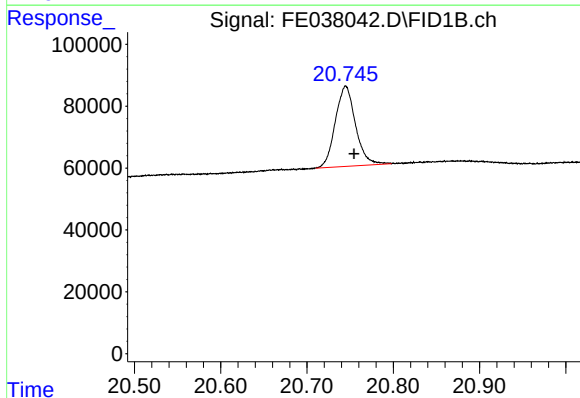
#19 n-Tetratriacontane (C34)

R.T.: 19.312 min
Delta R.T.: -0.011 min
Response: 495591
Conc: 3.35 ug/ml



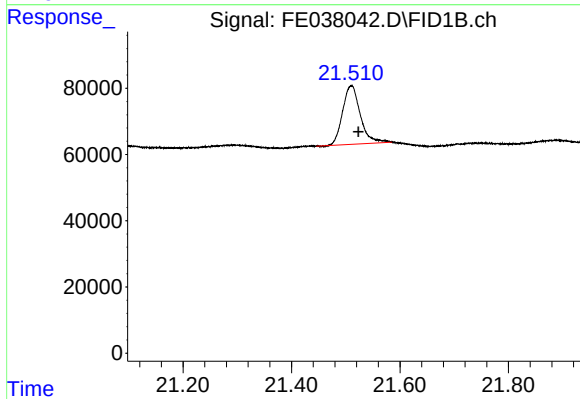
#20 n-Hexatriacontane (C36)

R.T.: 20.048 min
Delta R.T.: -0.008 min
Response: 450708
Conc: 3.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.745 min
Delta R.T.: -0.010 min
Response: 422219
Conc: 3.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.511 min
Delta R.T.: -0.013 min
Response: 398347
Conc: 3.13 ug/ml