

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101022AL\
 Data File : FE038041.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2022 18:24
 Operator : YP\AJ
 Sample : N4955-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 06:51:59 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	3753470	27.770 ug/ml
Spiked Amount 50.000		Recovery =	55.54%
Target Compounds			
1) T n-Nonane (C9)	3.003	284065	1.929 ug/mlm
2) T n-Decane (C10)	4.258	339775	2.298 ug/mlm
4) T n-Dodecane (C12)	6.428	461331	3.027 ug/ml
6) T n-Tetradecane (C14)	8.245	520806	3.403 ug/ml
7) T n-Hexadecane (C16)	9.843	499851	3.200 ug/ml
8) T n-Octadecane (C18)	11.276	533746	3.328 ug/ml
10) T n-Eicosane (C20)	12.577	561663	3.444 ug/ml
11) T n-Heneicosane (C21)	13.185	560655	3.403 ug/ml
13) T n-Docosane (C22)	13.767	605046	3.676 ug/ml
14) T n-Tetracosane (C24)	14.863	616620	3.760 ug/ml
15) T n-Hexacosane (C26)	15.878	598079	3.668 ug/ml
16) T n-Octacosane (C28)	16.822	597654	3.731 ug/ml
17) T n-Tricontane (C30)	17.704	580909	3.630 ug/ml
18) T n-Dotriacontane (C32)	18.532	558895	3.549 ug/ml
19) T n-Tetratriacontane (C34)	19.312	498238	3.363 ug/ml
20) T n-Hexatriacontane (C36)	20.047	432826	3.002 ug/ml
21) T n-Octatriacontane (C38)	20.743	406040	2.992 ug/ml
22) T n-Tetracontane (C40)	21.509	482828	3.793 ug/mlm

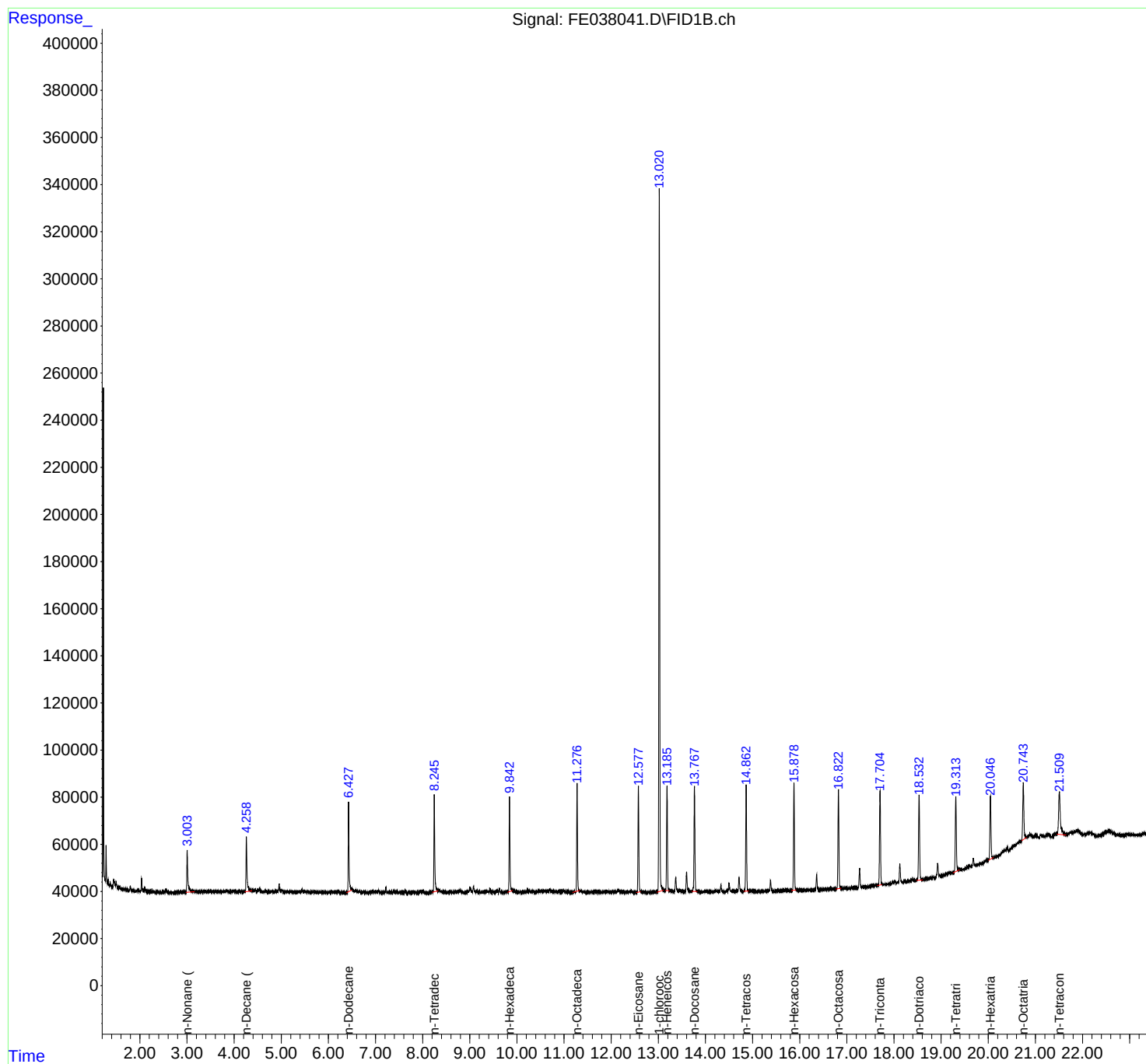
(f)=RT Delta > 1/2 Window

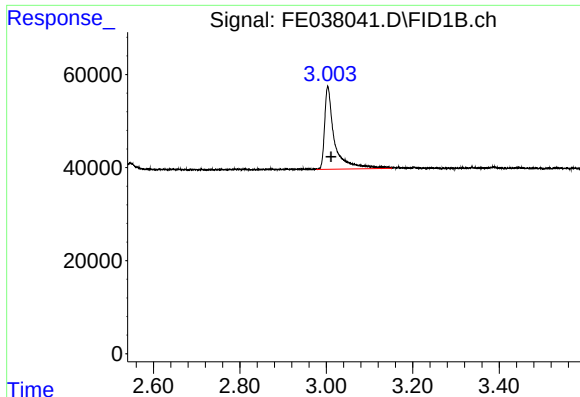
(m)=manual int.

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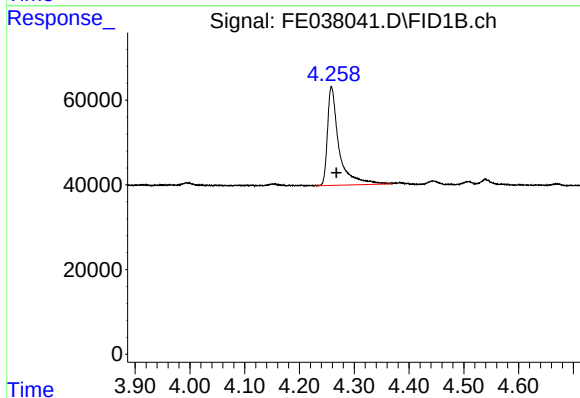
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





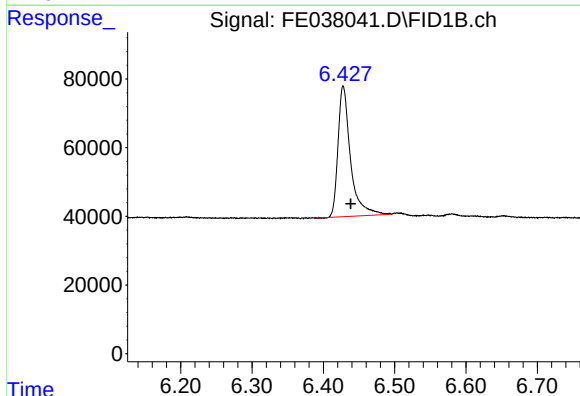
#1 n-Nonane (C9)

R.T.: 3.003 min
Delta R.T.: -0.008 min
Response: 284065
Conc: 1.93 ug/ml m



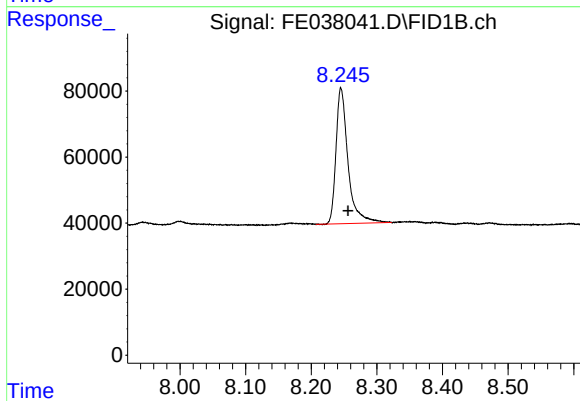
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: -0.010 min
Response: 339775
Conc: 2.30 ug/ml m



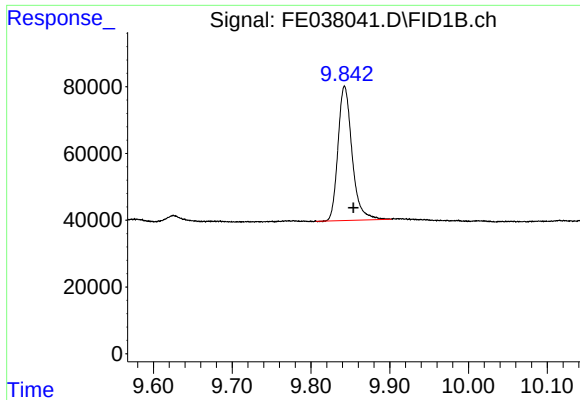
#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: -0.010 min
Response: 461331
Conc: 3.03 ug/ml



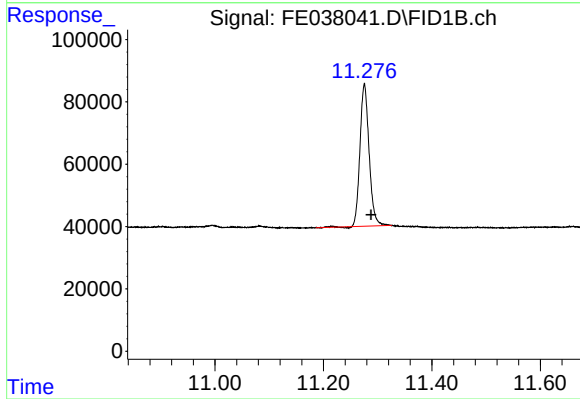
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.011 min
Response: 520806
Conc: 3.40 ug/ml



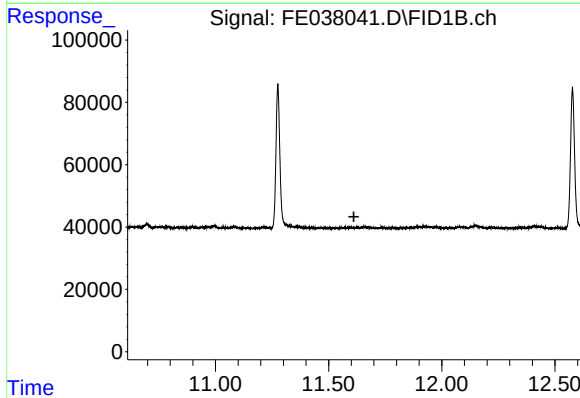
#7 n-Hexadecane (C16)

R.T.: 9.843 min
Delta R.T.: -0.011 min
Response: 499851
Conc: 3.20 ug/ml



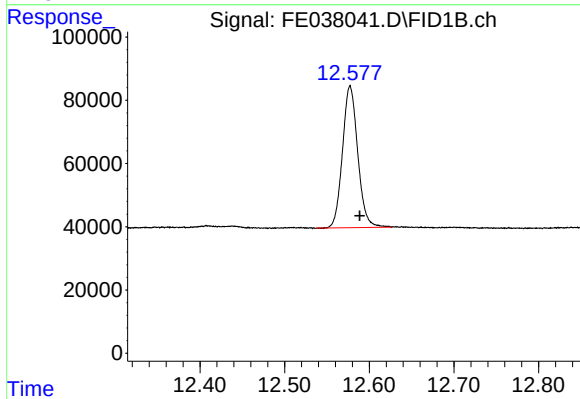
#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: -0.012 min
Response: 533746
Conc: 3.33 ug/ml



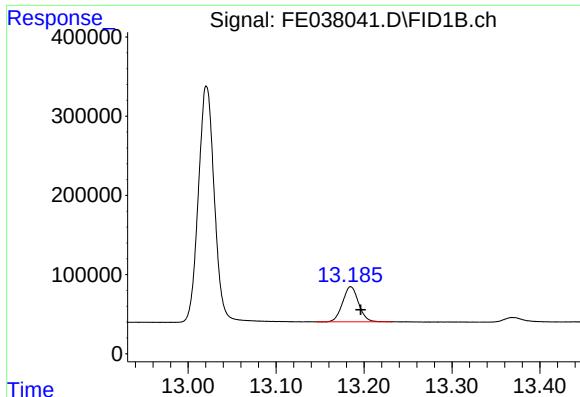
#9 ortho-Terphenyl (SURR)

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



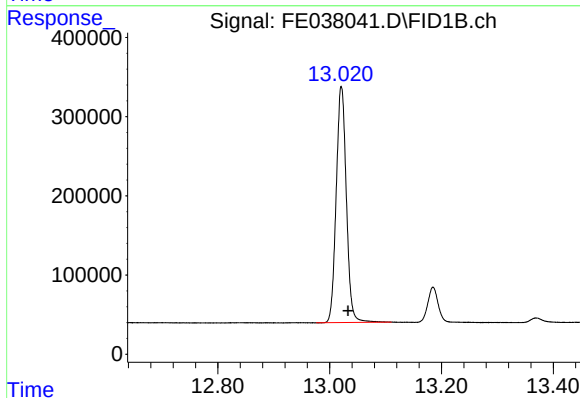
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.011 min
Response: 561663
Conc: 3.44 ug/ml



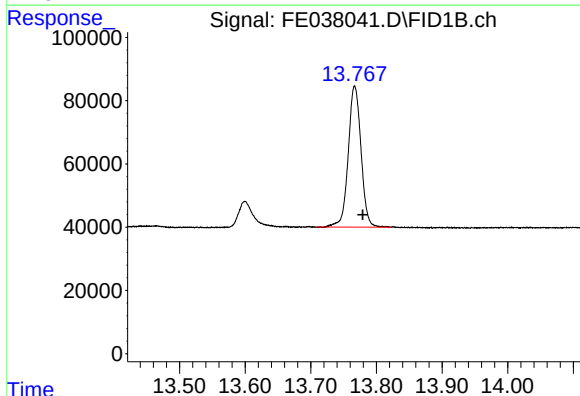
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: -0.011 min
Response: 560655
Conc: 3.40 ug/ml



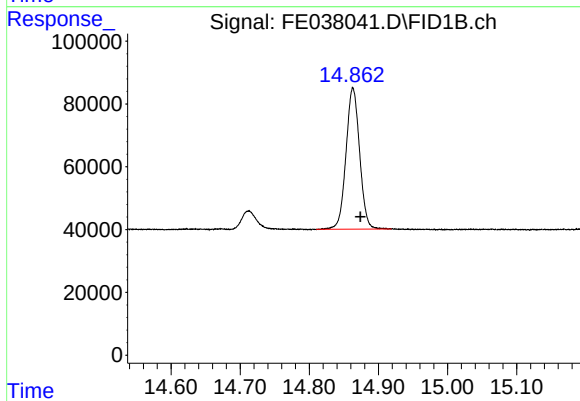
#12 1-chlorooctadecane (SURR)

R.T.: 13.021 min
Delta R.T.: -0.012 min
Response: 3753470
Conc: 27.77 ug/ml



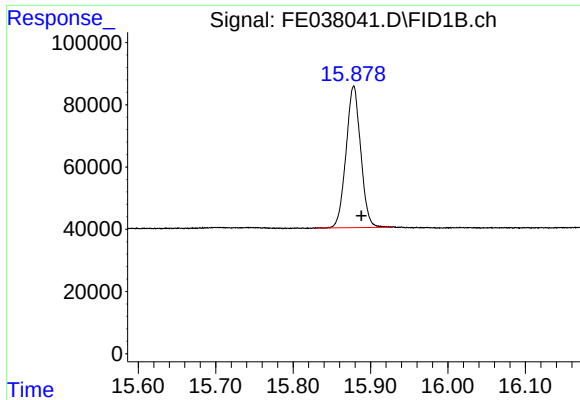
#13 n-Docosane (C22)

R.T.: 13.767 min
Delta R.T.: -0.012 min
Response: 605046
Conc: 3.68 ug/ml



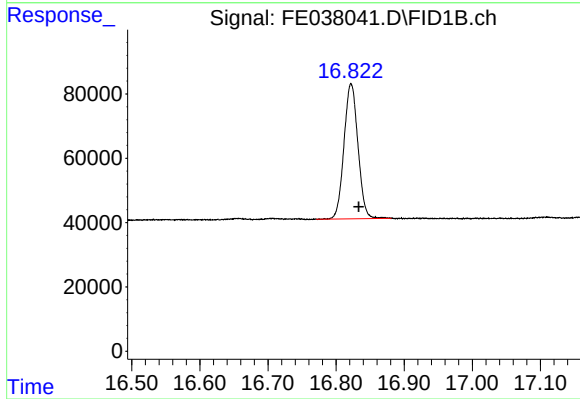
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.011 min
Response: 616620
Conc: 3.76 ug/ml



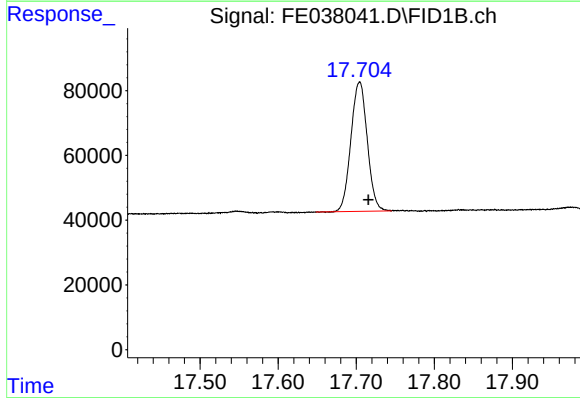
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.010 min
Response: 598079
Conc: 3.67 ug/ml



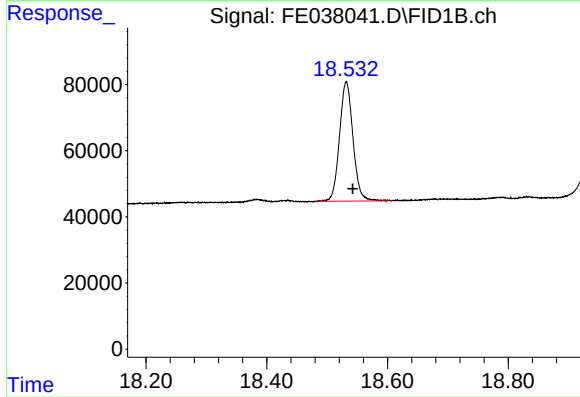
#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: -0.011 min
Response: 597654
Conc: 3.73 ug/ml



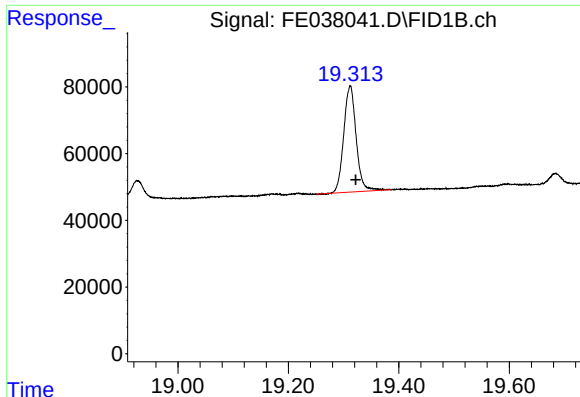
#17 n-Tricontane (C30)

R.T.: 17.704 min
Delta R.T.: -0.011 min
Response: 580909
Conc: 3.63 ug/ml



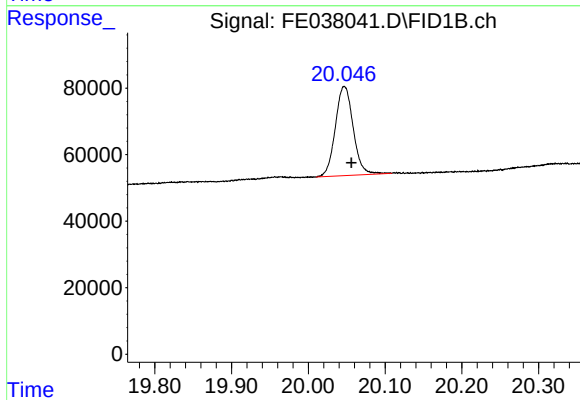
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: -0.011 min
Response: 558895
Conc: 3.55 ug/ml



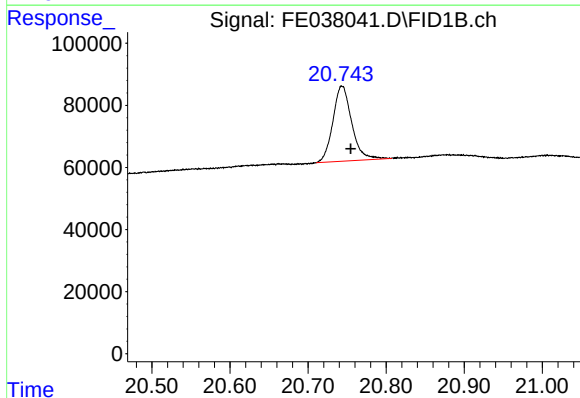
#19 n-Tetratriacontane (C34)

R.T.: 19.312 min
Delta R.T.: -0.010 min
Response: 498238
Conc: 3.36 ug/ml



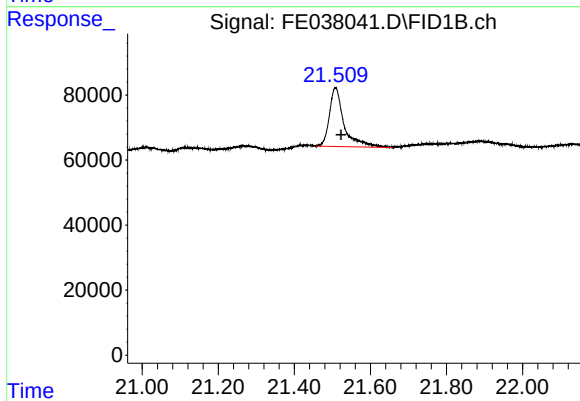
#20 n-Hexatriacontane (C36)

R.T.: 20.047 min
Delta R.T.: -0.009 min
Response: 432826
Conc: 3.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: -0.011 min
Response: 406040
Conc: 2.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.509 min
Delta R.T.: -0.014 min
Response: 482828
Conc: 3.79 ug/ml m