

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101022AL\
 Data File : FE038045.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2022 20:28
 Operator : YP\AJ
 Sample : N4655-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 06:52:36 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	3318281	24.550 ug/ml
Spiked Amount 50.000		Recovery =	49.10%
Target Compounds			
1) T n-Nonane (C9)	3.003	320948	2.179 ug/mlm
2) T n-Decane (C10)	4.258	374081	2.530 ug/mlm
4) T n-Dodecane (C12)	6.428	499391	3.277 ug/ml
6) T n-Tetradecane (C14)	8.246	551495	3.603 ug/ml
7) T n-Hexadecane (C16)	9.843	538303	3.446 ug/ml
8) T n-Octadecane (C18)	11.276	586486	3.656 ug/ml
10) T n-Eicosane (C20)	12.576	606477	3.719 ug/ml
11) T n-Heneicosane (C21)	13.184	604885	3.671 ug/ml
13) T n-Docosane (C22)	13.767	643643	3.910 ug/ml
14) T n-Tetracosane (C24)	14.863	651923	3.975 ug/ml
15) T n-Hexacosane (C26)	15.877	637153	3.907 ug/ml
16) T n-Octacosane (C28)	16.821	635760	3.969 ug/ml
17) T n-Tricontane (C30)	17.704	625454	3.908 ug/ml
18) T n-Dotriacontane (C32)	18.532	604459	3.839 ug/ml
19) T n-Tetratriacontane (C34)	19.311	536854	3.624 ug/ml
20) T n-Hexatriacontane (C36)	20.046	475499	3.298 ug/ml
21) T n-Octatriacontane (C38)	20.744	420689	3.100 ug/ml
22) T n-Tetracontane (C40)	21.505	440596	3.461 ug/ml

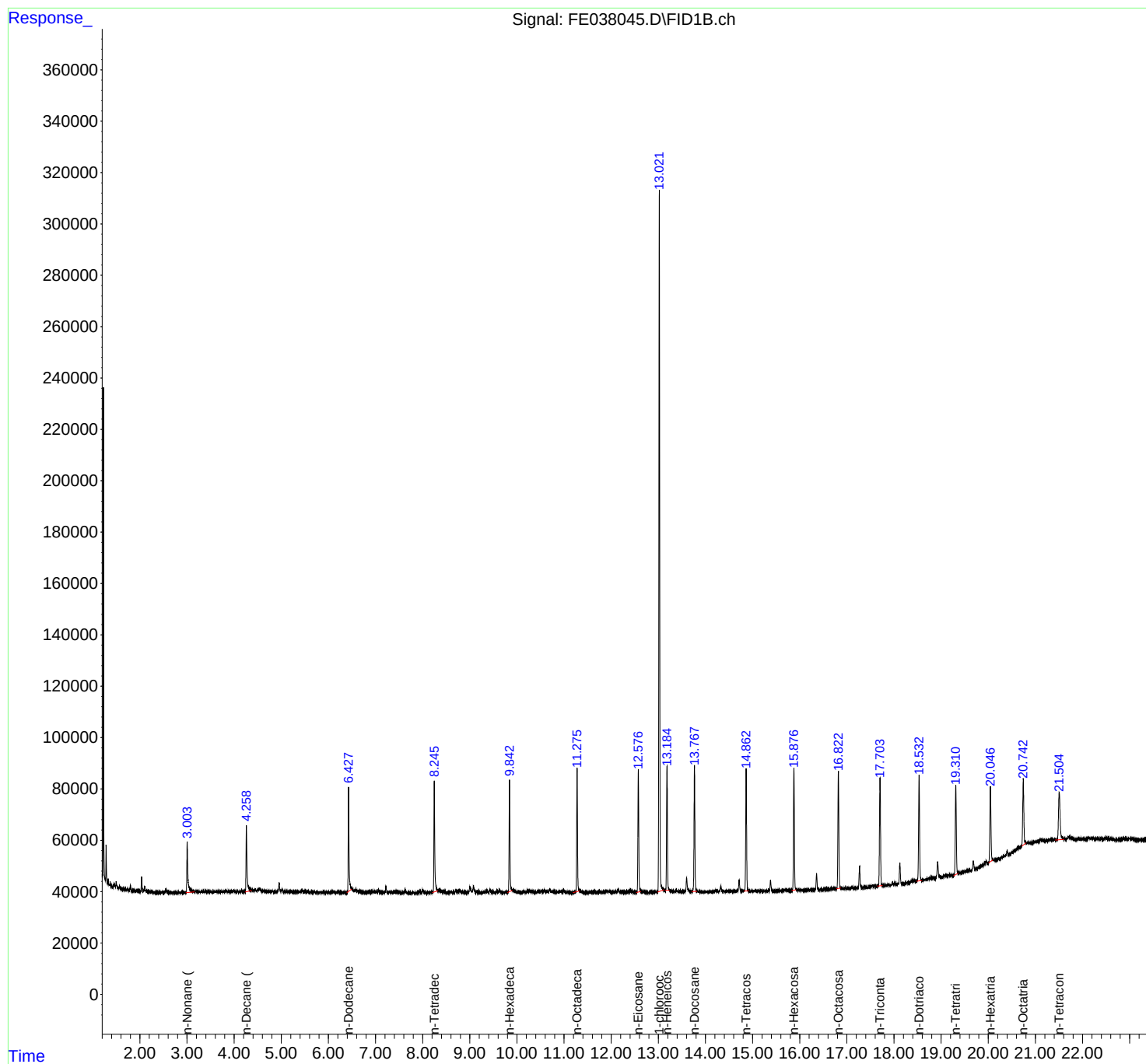
(f)=RT Delta > 1/2 Window

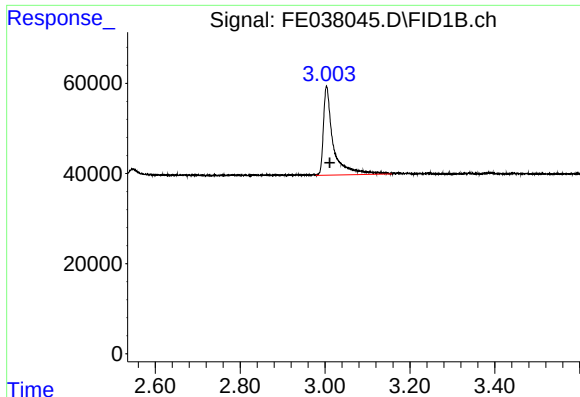
(m)=manual int.

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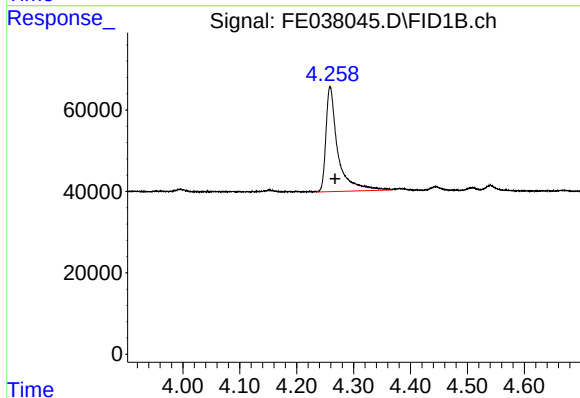
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Signal Info : 20M x 0.18mm x 0.18um





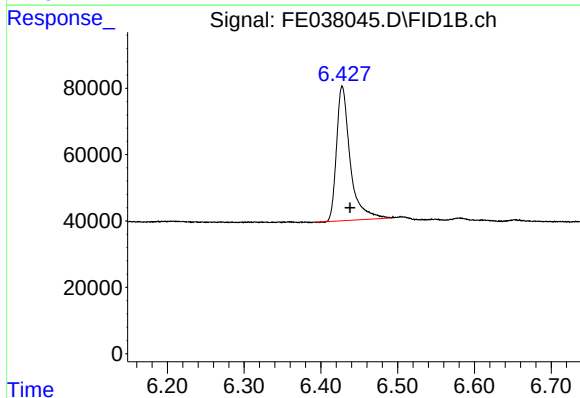
#1 n-Nonane (C9)

R.T.: 3.003 min
Delta R.T.: -0.008 min
Response: 320948
Conc: 2.18 ug/ml m



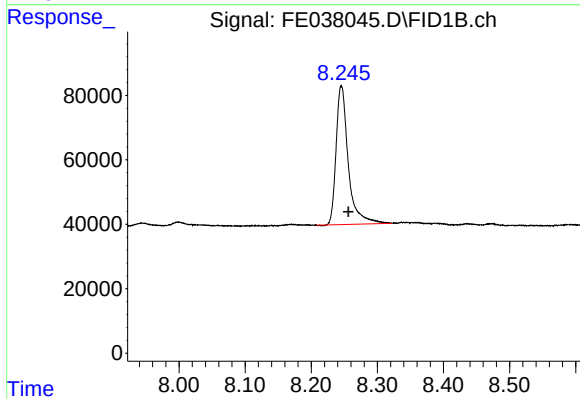
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: -0.009 min
Response: 374081
Conc: 2.53 ug/ml m



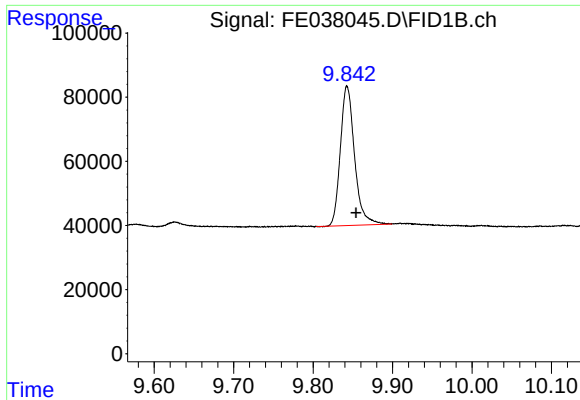
#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: -0.010 min
Response: 499391
Conc: 3.28 ug/ml



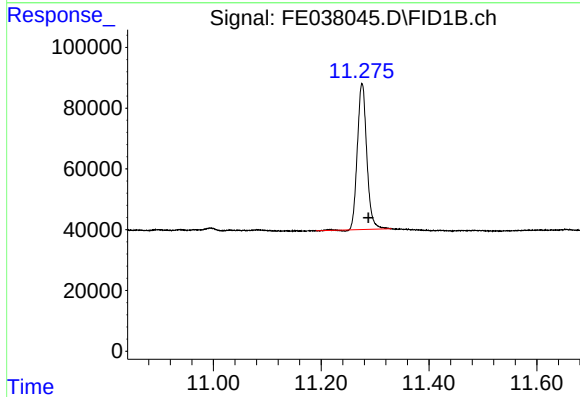
#6 n-Tetradecane (C14)

R.T.: 8.246 min
Delta R.T.: -0.011 min
Response: 551495
Conc: 3.60 ug/ml



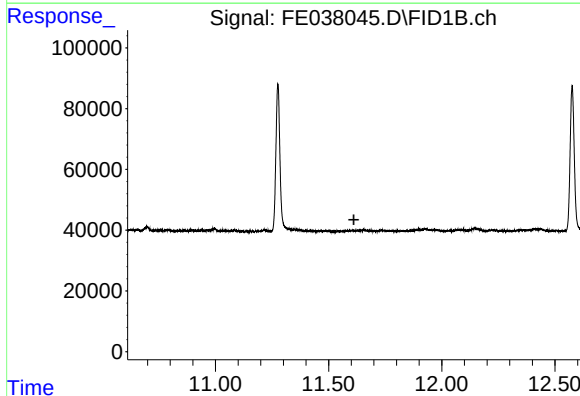
#7 n-Hexadecane (C16)

R.T.: 9.843 min
Delta R.T.: -0.011 min
Response: 538303
Conc: 3.45 ug/ml



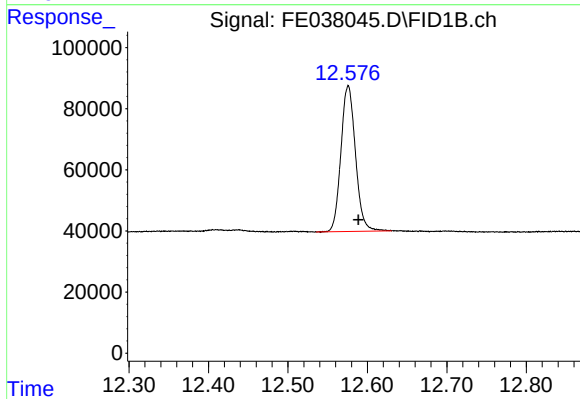
#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: -0.012 min
Response: 586486
Conc: 3.66 ug/ml



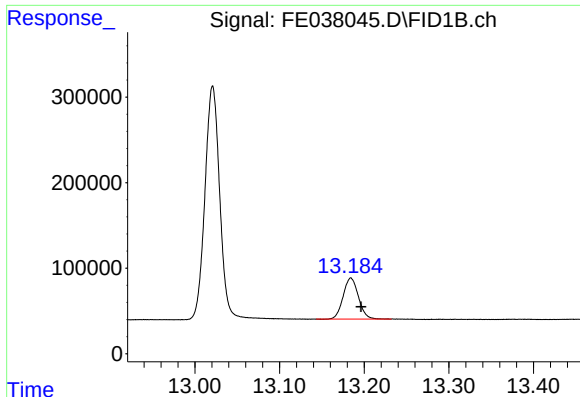
#9 ortho-Terphenyl (SURR)

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



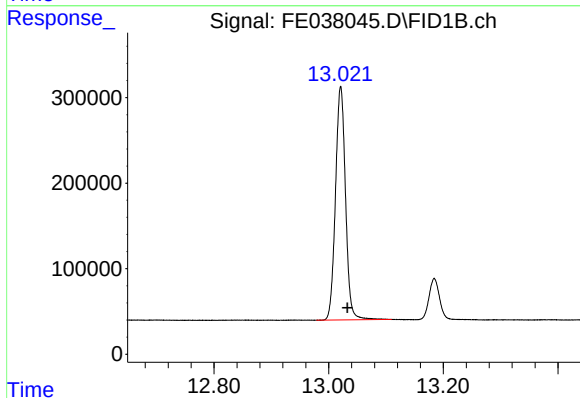
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: -0.013 min
Response: 606477
Conc: 3.72 ug/ml



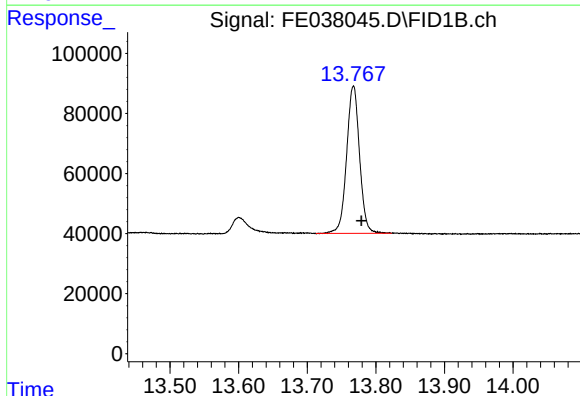
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: -0.012 min
Response: 604885
Conc: 3.67 ug/ml



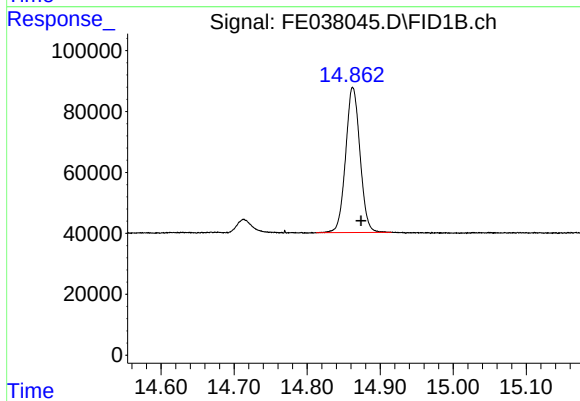
#12 1-chlorooctadecane (SURR)

R.T.: 13.021 min
Delta R.T.: -0.012 min
Response: 3318281
Conc: 24.55 ug/ml



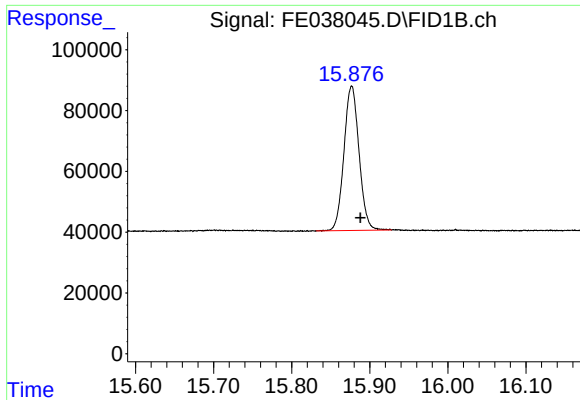
#13 n-Docosane (C22)

R.T.: 13.767 min
Delta R.T.: -0.012 min
Response: 643643
Conc: 3.91 ug/ml



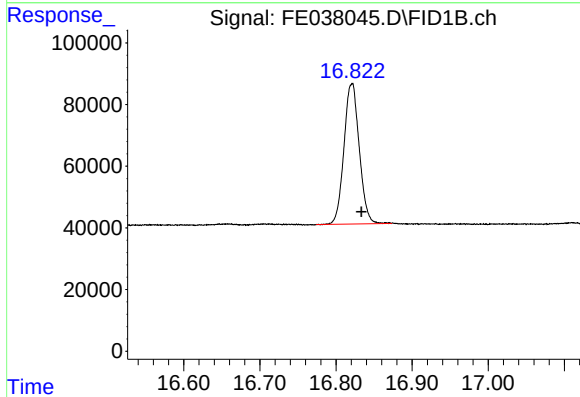
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.011 min
Response: 651923
Conc: 3.98 ug/ml



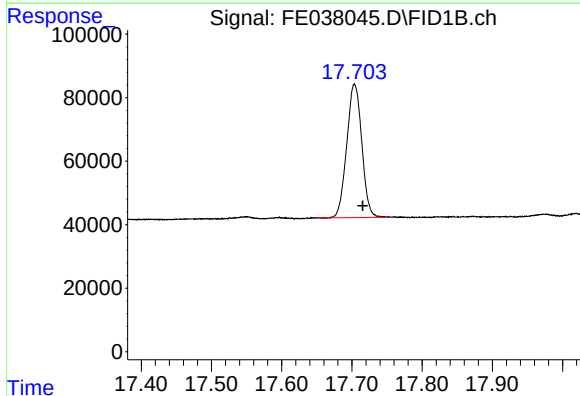
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: -0.011 min
Response: 637153
Conc: 3.91 ug/ml



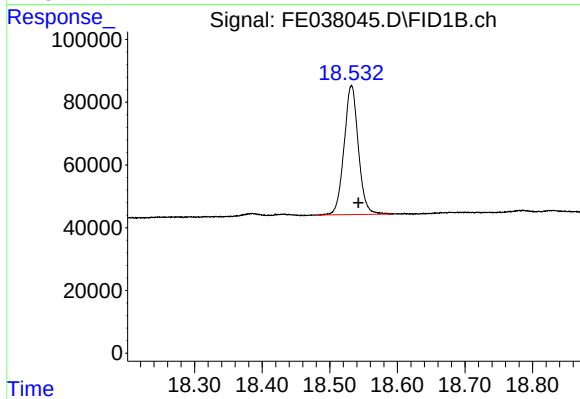
#16 n-Octacosane (C28)

R.T.: 16.821 min
Delta R.T.: -0.012 min
Response: 635760
Conc: 3.97 ug/ml



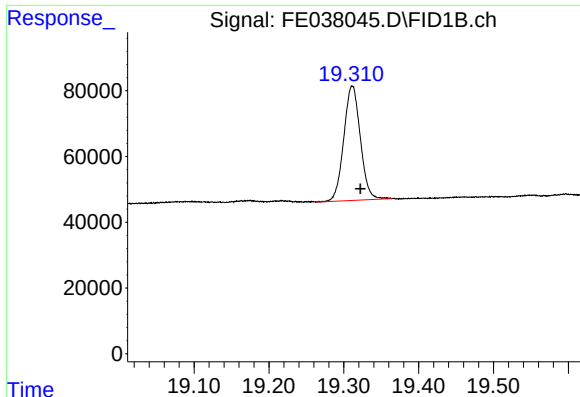
#17 n-Tricontane (C30)

R.T.: 17.704 min
Delta R.T.: -0.012 min
Response: 625454
Conc: 3.91 ug/ml



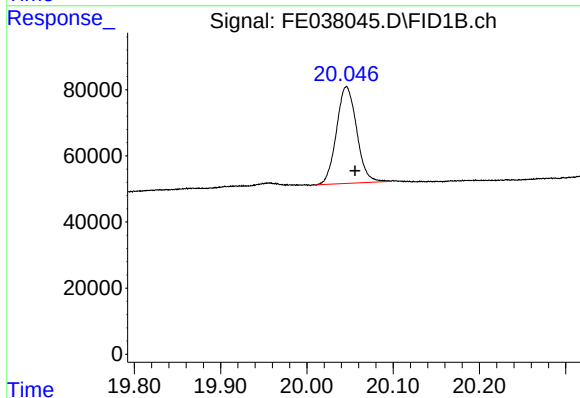
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: -0.010 min
Response: 604459
Conc: 3.84 ug/ml



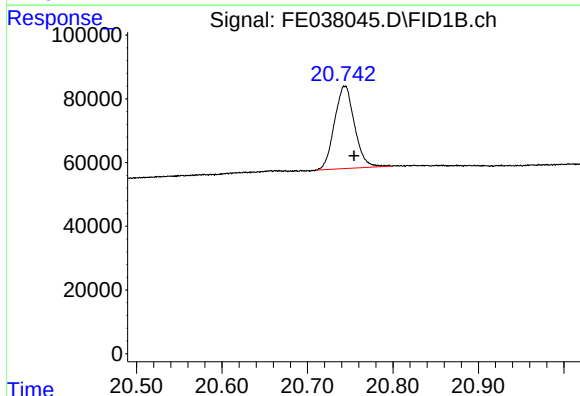
#19 n-Tetratriacontane (C34)

R.T.: 19.311 min
Delta R.T.: -0.011 min
Response: 536854
Conc: 3.62 ug/ml



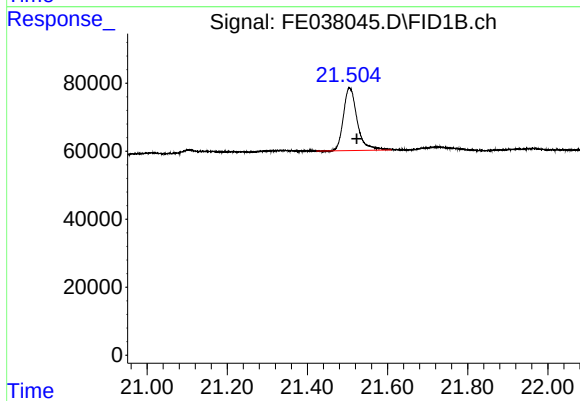
#20 n-Hexatriacontane (C36)

R.T.: 20.046 min
Delta R.T.: -0.010 min
Response: 475499
Conc: 3.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.744 min
Delta R.T.: -0.011 min
Response: 420689
Conc: 3.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.505 min
Delta R.T.: -0.018 min
Response: 440596
Conc: 3.46 ug/ml