

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101122AL\
 Data File : FE038055.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2022 12:10
 Operator : YP\AJ
 Sample : N4955-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 12 05:09:44 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	4558931	33.729 ug/ml
Spiked Amount 50.000		Recovery =	67.46%
Target Compounds			
1) T n-Nonane (C9)	3.005	344442	2.339 ug/mlm
2) T n-Decane (C10)	4.258	391386	2.647 ug/mlm
4) T n-Dodecane (C12)	6.428	479321	3.146 ug/ml
6) T n-Tetradecane (C14)	8.245	552258	3.608 ug/ml
7) T n-Hexadecane (C16)	9.842	550349	3.523 ug/ml
8) T n-Octadecane (C18)	11.274	631549	3.937 ug/ml
10) T n-Eicosane (C20)	12.576	648914	3.979 ug/ml
11) T n-Heneicosane (C21)	13.182	662738	4.022 ug/ml
13) T n-Docosane (C22)	13.764	666919	4.051 ug/ml
14) T n-Tetracosane (C24)	14.861	660295	4.026 ug/ml
15) T n-Hexacosane (C26)	15.876	640050	3.925 ug/ml
16) T n-Octacosane (C28)	16.819	634784	3.962 ug/ml
17) T n-Tricontane (C30)	17.701	666674	4.166 ug/ml
18) T n-Dotriacontane (C32)	18.529	667244	4.237 ug/ml
19) T n-Tetratriacontane (C34)	19.309	613337	4.140 ug/ml
20) T n-Hexatriacontane (C36)	20.044	554309	3.845 ug/ml
21) T n-Octatriacontane (C38)	20.741	482640	3.557 ug/ml
22) T n-Tetracontane (C40)	21.504	475587	3.736 ug/ml

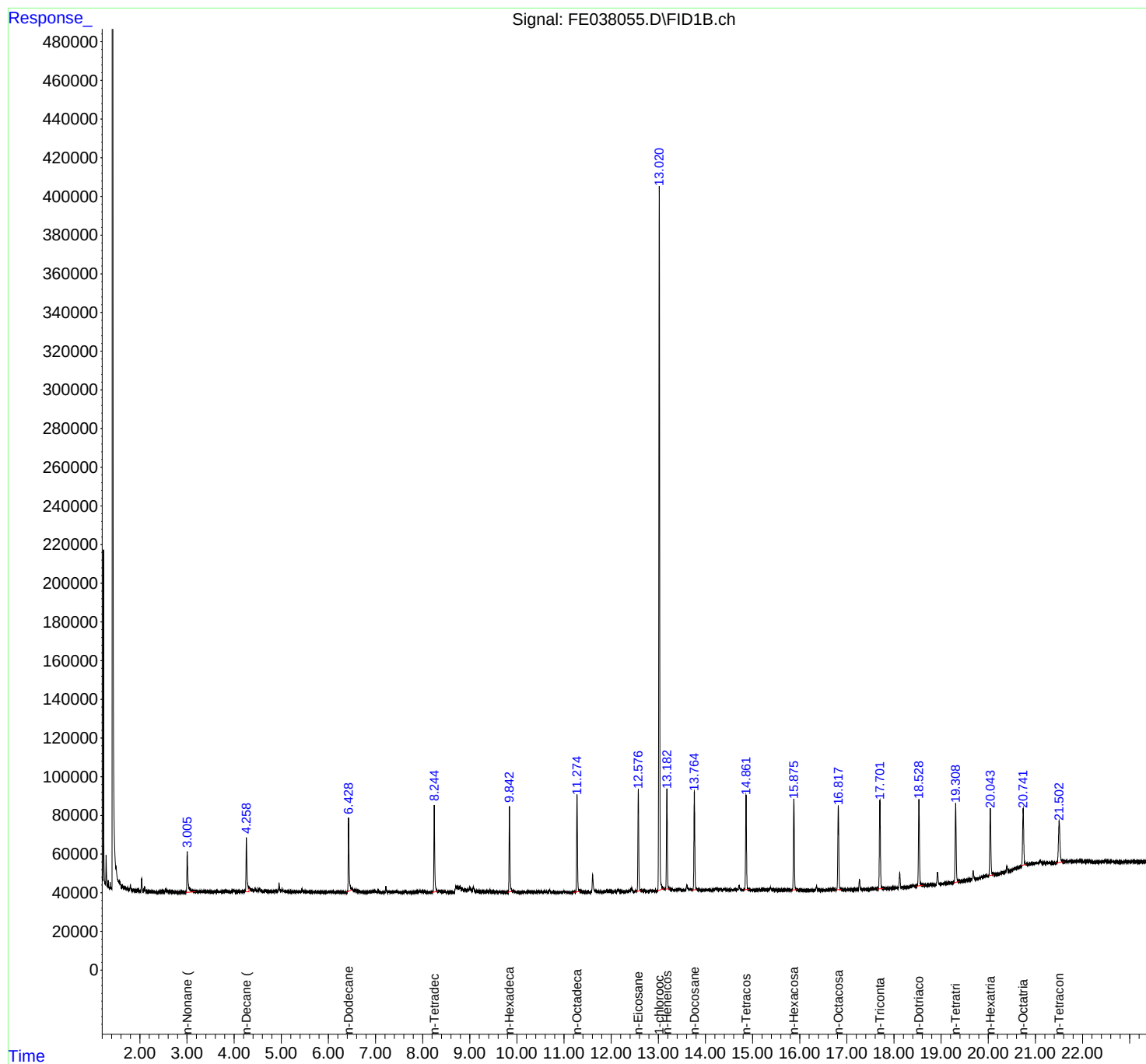
(f)=RT Delta > 1/2 Window

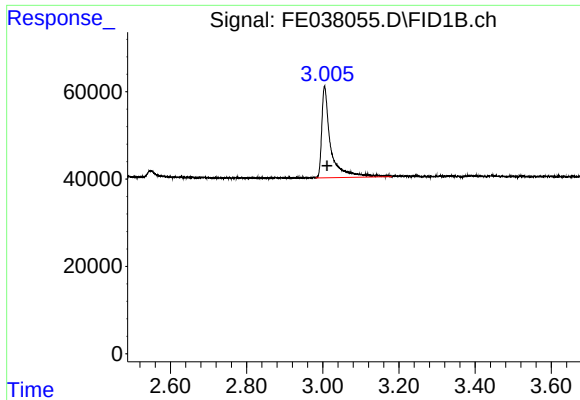
(m)=manual int.

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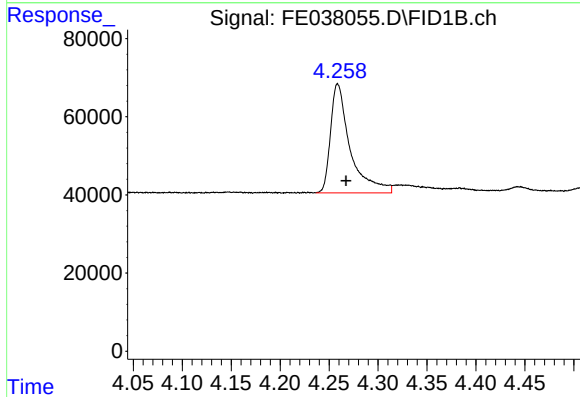
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





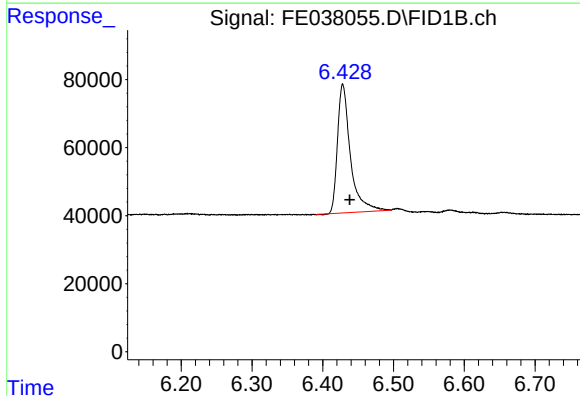
#1 n-Nonane (C9)

R.T.: 3.005 min
Delta R.T.: -0.006 min
Response: 344442
Conc: 2.34 ug/ml m



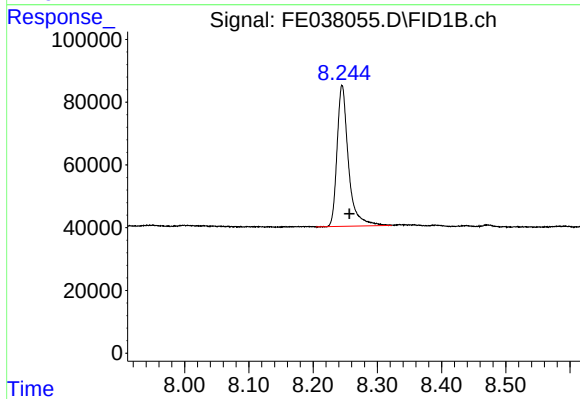
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: -0.009 min
Response: 391386
Conc: 2.65 ug/ml m



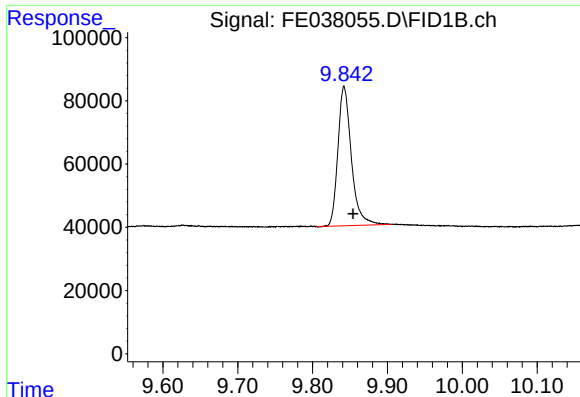
#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: -0.010 min
Response: 479321
Conc: 3.15 ug/ml



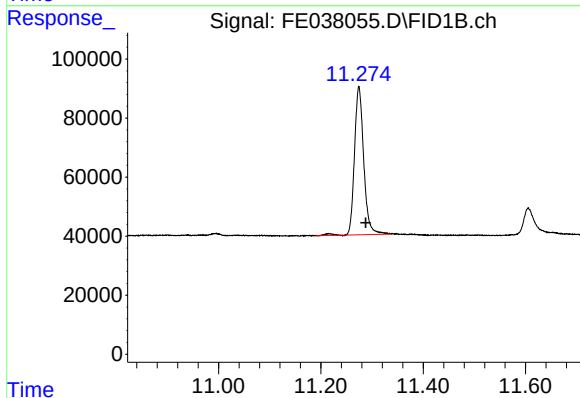
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.011 min
Response: 552258
Conc: 3.61 ug/ml



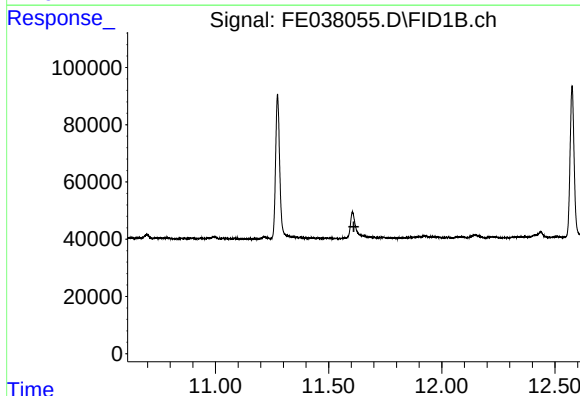
#7 n-Hexadecane (C16)

R.T.: 9.842 min
Delta R.T.: -0.012 min
Response: 550349
Conc: 3.52 ug/ml



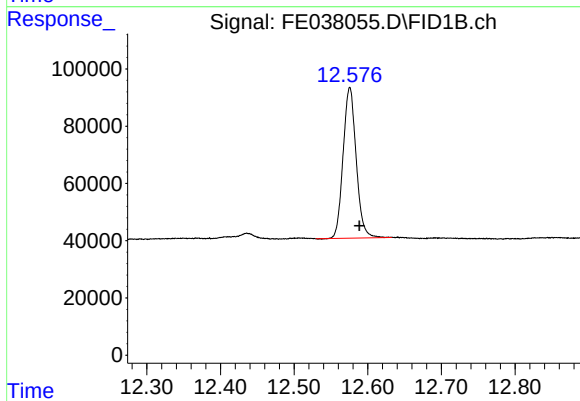
#8 n-Octadecane (C18)

R.T.: 11.274 min
Delta R.T.: -0.014 min
Response: 631549
Conc: 3.94 ug/ml



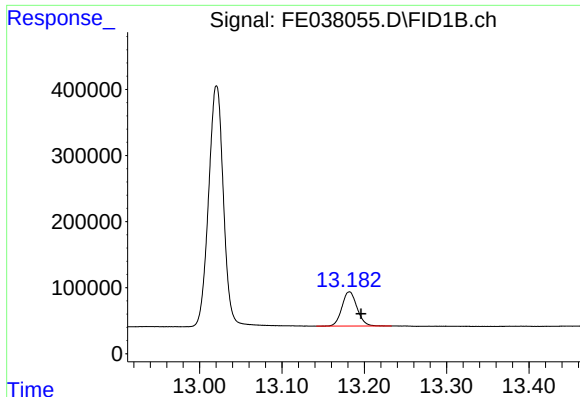
#9 ortho-Terphenyl (SURR)

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



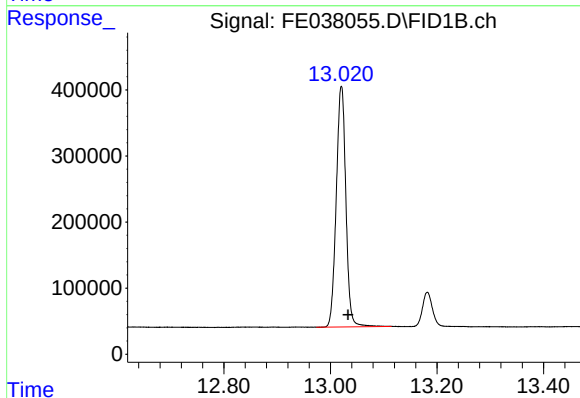
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: -0.013 min
Response: 648914
Conc: 3.98 ug/ml



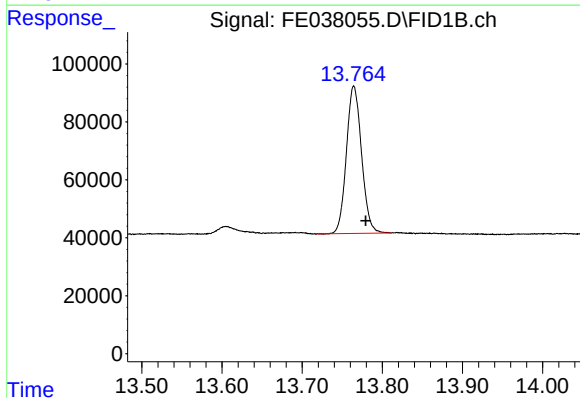
#11 n-Heneicosane (C21)

R.T.: 13.182 min
Delta R.T.: -0.014 min
Response: 662738
Conc: 4.02 ug/ml



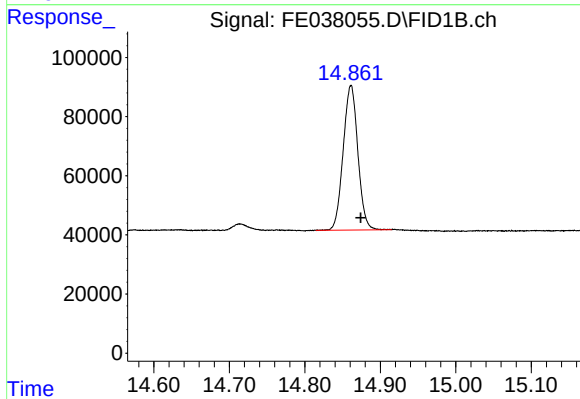
#12 1-chlorooctadecane (SURR)

R.T.: 13.021 min
Delta R.T.: -0.012 min
Response: 4558931
Conc: 33.73 ug/ml



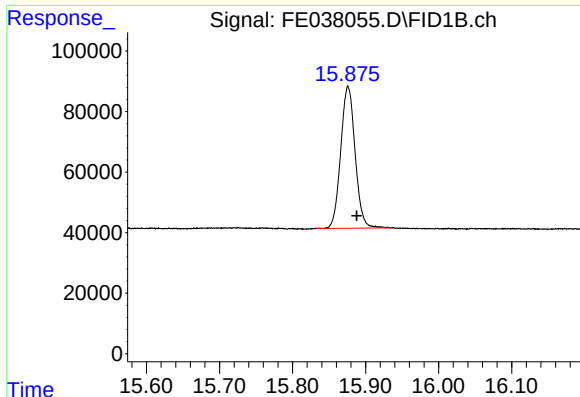
#13 n-Docosane (C22)

R.T.: 13.764 min
Delta R.T.: -0.015 min
Response: 666919
Conc: 4.05 ug/ml



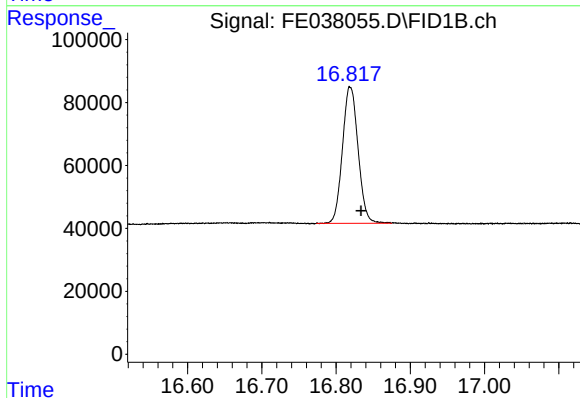
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: -0.013 min
Response: 660295
Conc: 4.03 ug/ml



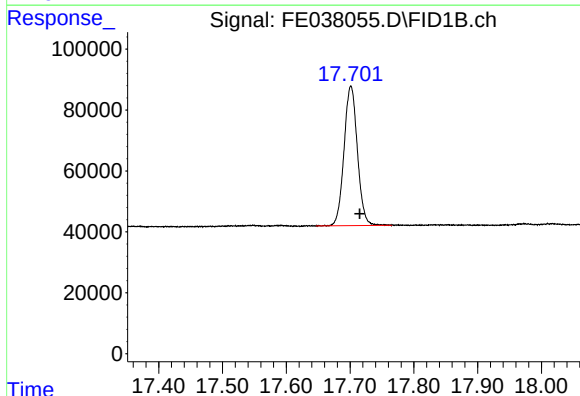
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: -0.012 min
Response: 640050
Conc: 3.93 ug/ml



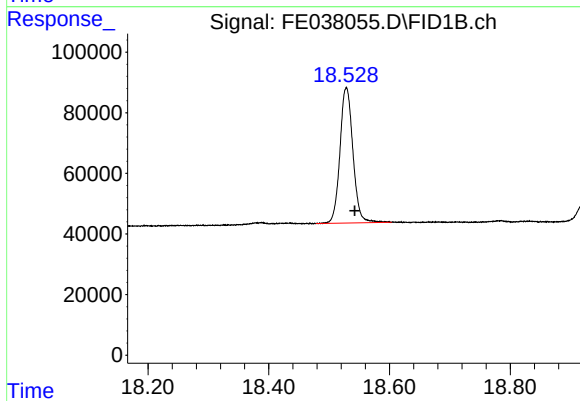
#16 n-Octacosane (C28)

R.T.: 16.819 min
Delta R.T.: -0.015 min
Response: 634784
Conc: 3.96 ug/ml



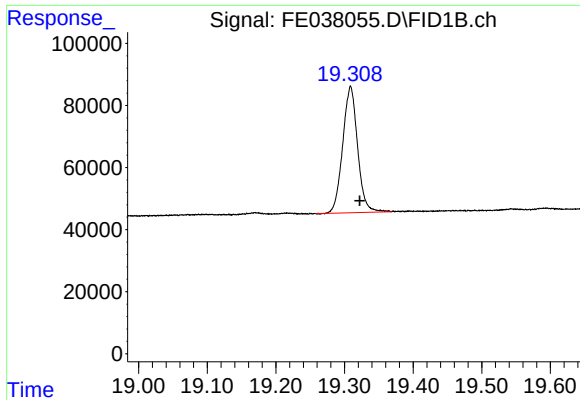
#17 n-Tricontane (C30)

R.T.: 17.701 min
Delta R.T.: -0.014 min
Response: 666674
Conc: 4.17 ug/ml



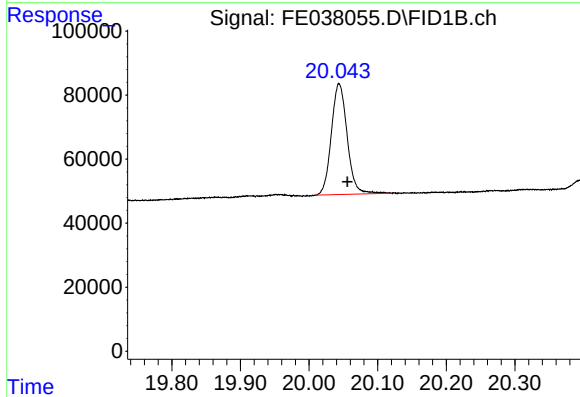
#18 n-Dotriacontane (C32)

R.T.: 18.529 min
Delta R.T.: -0.014 min
Response: 667244
Conc: 4.24 ug/ml



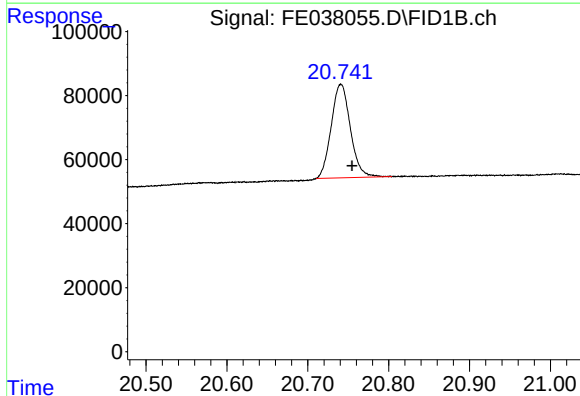
#19 n-Tetratriacontane (C34)

R.T.: 19.309 min
Delta R.T.: -0.013 min
Response: 613337
Conc: 4.14 ug/ml



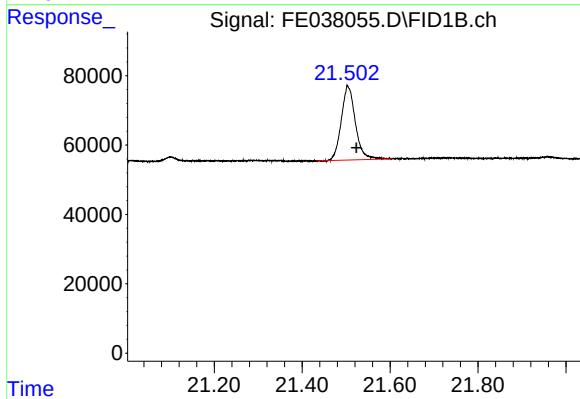
#20 n-Hexatriacontane (C36)

R.T.: 20.044 min
Delta R.T.: -0.012 min
Response: 554309
Conc: 3.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: -0.014 min
Response: 482640
Conc: 3.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.504 min
Delta R.T.: -0.020 min
Response: 475587
Conc: 3.74 ug/ml