

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071222AL\
 Data File : FD043222.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jul 2022 14:22
 Operator : YP/AJ
 Sample : N3214-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 02:16:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 27 04:21:05 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...	12.967	3110761	22.468 ug/ml
Spiked Amount 50.000		Recovery =	44.94%
Target Compounds			
1) T n-Nonane (C9)	3.317	157885	1.053 ug/ml
2) T n-Decane (C10)	4.380	192982	1.293 ug/ml
4) T n-Dodecane (C12)	6.393	333521	2.182 ug/ml
6) T n-Tetradecane (C14)	8.184	244499	1.589 ug/ml
7) T n-Hexadecane (C16)	9.781	239241	1.531 ug/ml
8) T n-Octadecane (C18)	11.218	300397	1.896 ug/ml
10) T n-Eicosane (C20)	12.523	289618	1.825 ug/ml
11) T n-Heneicosane (C21)	13.133	275005	1.722 ug/ml
13) T n-Docosane (C22)	13.717	348640	2.182 ug/ml
14) T n-Tetracosane (C24)	14.816	458631	2.856 ug/ml
15) T n-Hexacosane (C26)	15.834	493882	3.109 ug/ml
16) T n-Octacosane (C28)	16.781	555890	3.547 ug/ml
17) T n-Tricontane (C30)	17.663	620168	4.086 ug/ml
18) T n-Dotriacontane (C32)	18.494	597902	4.246 ug/ml
19) T n-Tetratriacontane (C34)	19.274	419824	3.297 ug/ml
20) T n-Hexatriacontane (C36)	20.012	266541	2.315 ug/ml
21) T n-Octatriacontane (C38)	20.733	181838	1.688 ug/ml
22) T n-Tetracontane (C40)	21.608f	144381	1.358 ug/mlm

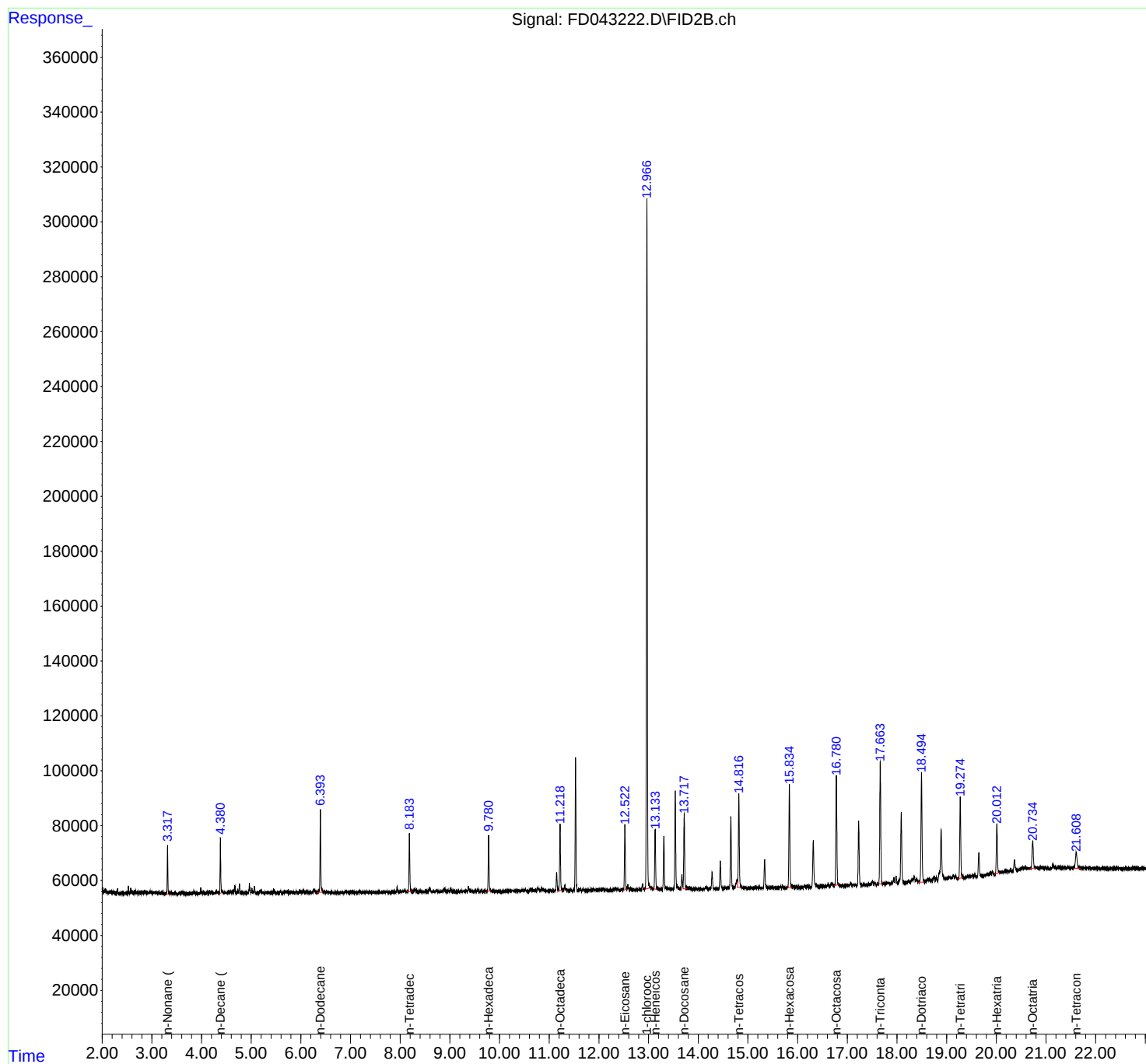
(f)=RT Delta > 1/2 Window

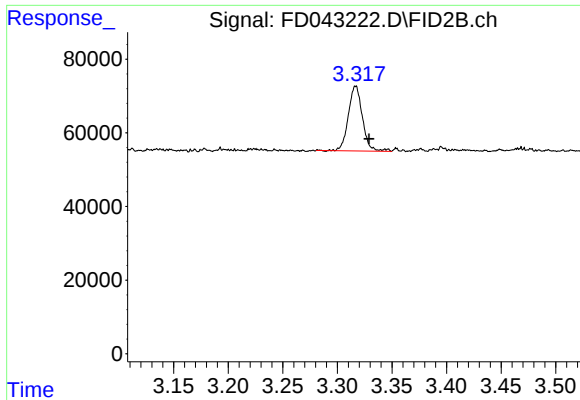
(m)=manual int.

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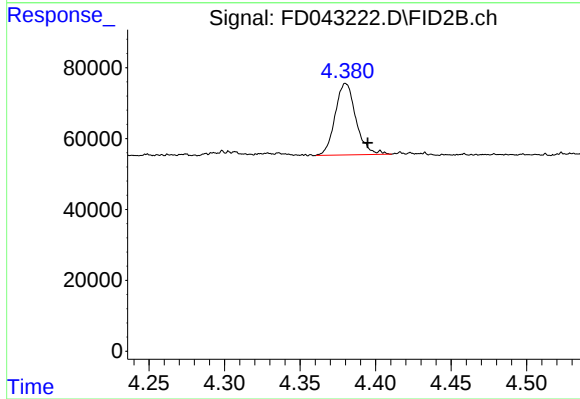
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Signal Info : 20M x 0.18mm x 0.18um





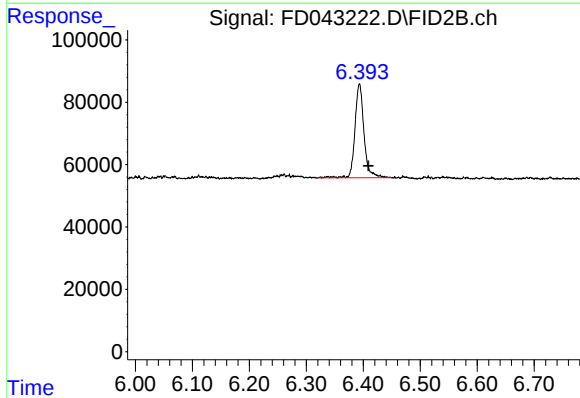
#1 n-Nonane (C9)

R.T.: 3.317 min
Delta R.T.: -0.012 min
Response: 157885
Conc: 1.05 ug/ml



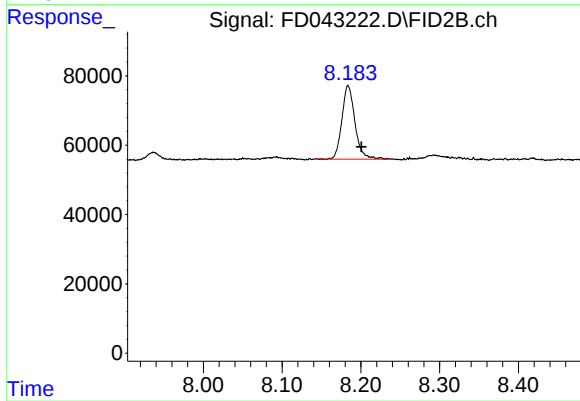
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.014 min
Response: 192982
Conc: 1.29 ug/ml



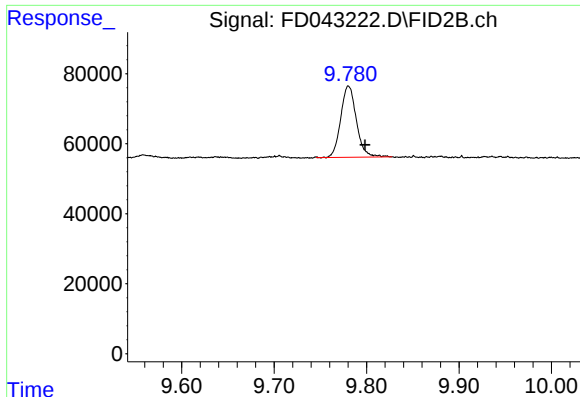
#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: -0.016 min
Response: 333521
Conc: 2.18 ug/ml



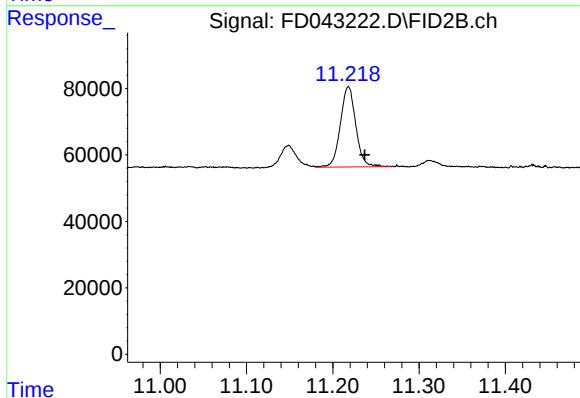
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: -0.017 min
Response: 244499
Conc: 1.59 ug/ml



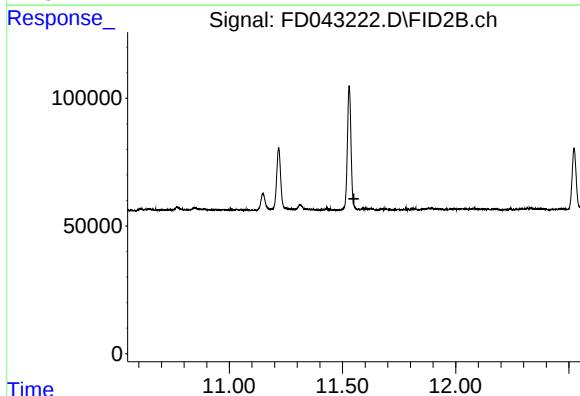
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: -0.018 min
Response: 239241
Conc: 1.53 ug/ml



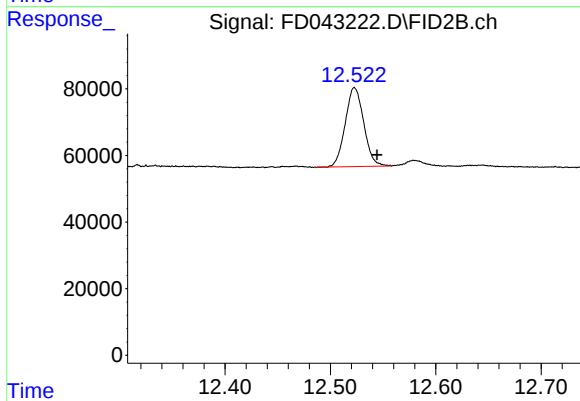
#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: -0.019 min
Response: 300397
Conc: 1.90 ug/ml



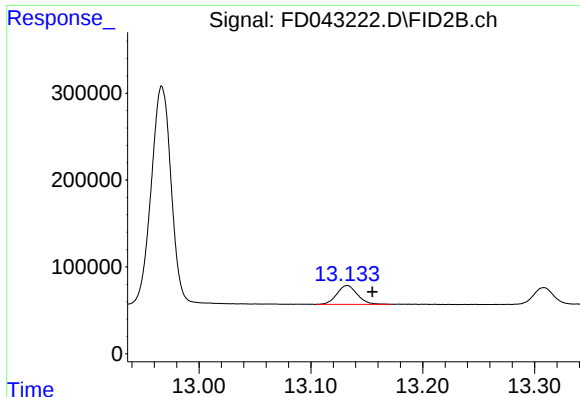
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.550 min
Response: 0
Conc: N.D.



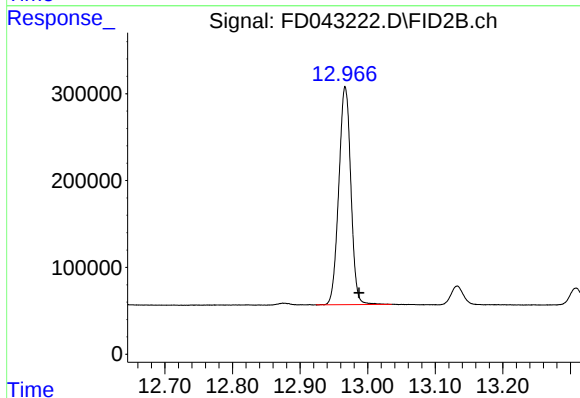
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.021 min
Response: 289618
Conc: 1.82 ug/ml



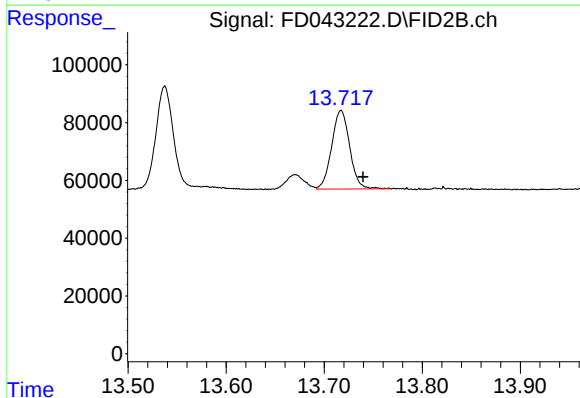
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.022 min
Response: 275005
Conc: 1.72 ug/ml



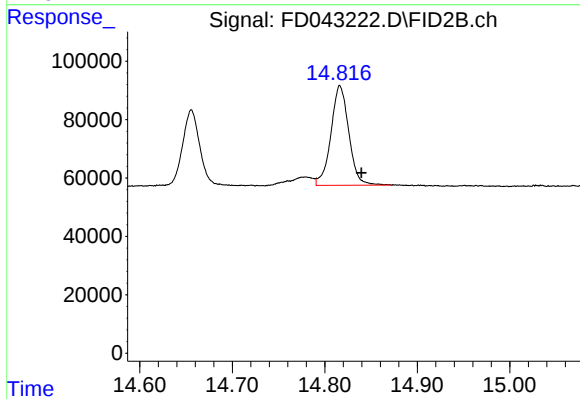
#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.020 min
Response: 3110761
Conc: 22.47 ug/ml



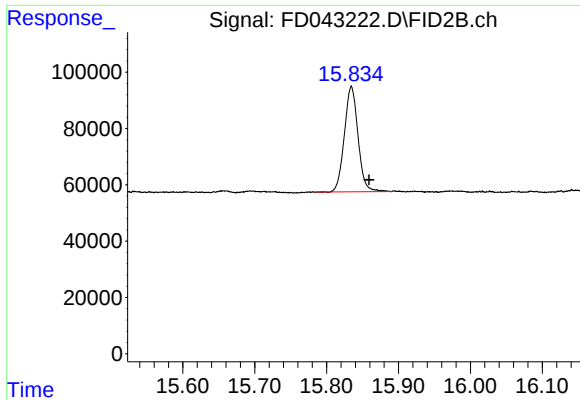
#13 n-Docosane (C22)

R.T.: 13.717 min
Delta R.T.: -0.022 min
Response: 348640
Conc: 2.18 ug/ml



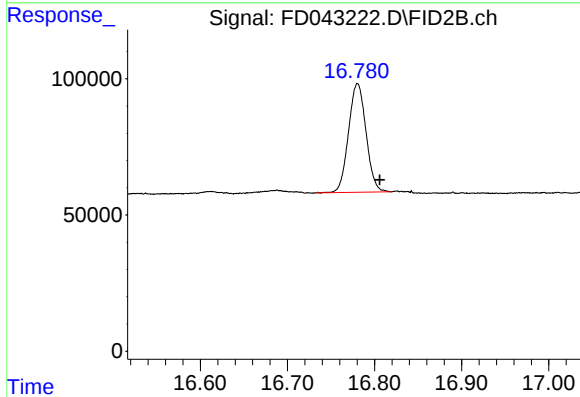
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: -0.023 min
Response: 458631
Conc: 2.86 ug/ml



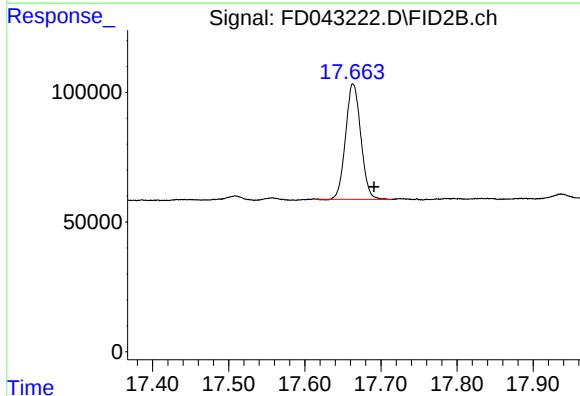
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: -0.025 min
Response: 493882
Conc: 3.11 ug/ml



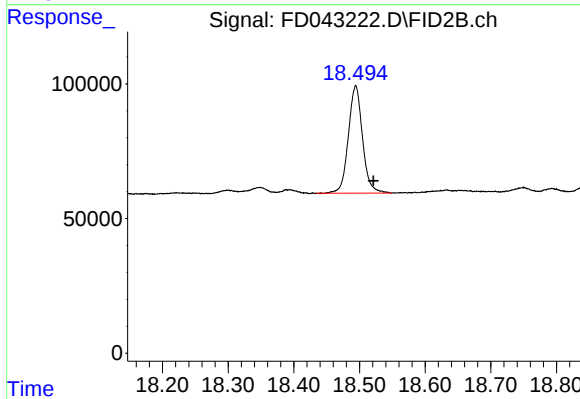
#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: -0.025 min
Response: 555890
Conc: 3.55 ug/ml



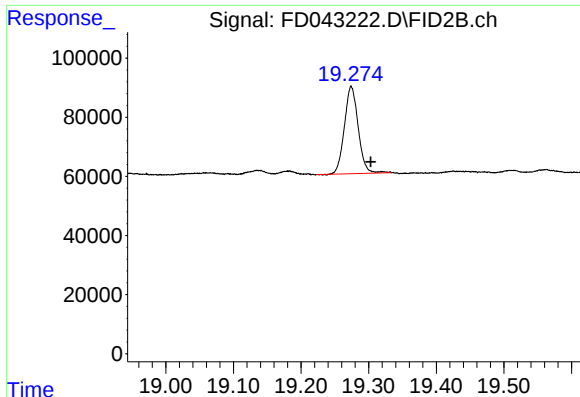
#17 n-Tricontane (C30)

R.T.: 17.663 min
Delta R.T.: -0.028 min
Response: 620168
Conc: 4.09 ug/ml



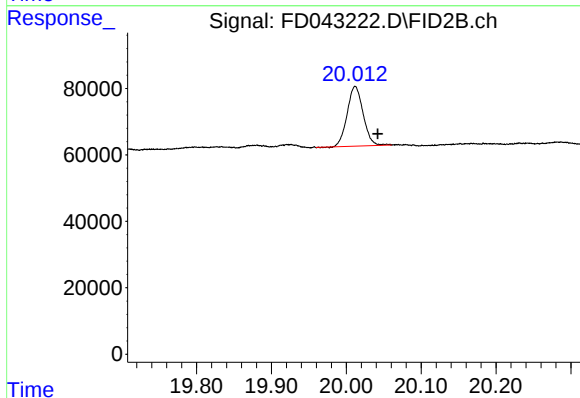
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: -0.027 min
Response: 597902
Conc: 4.25 ug/ml



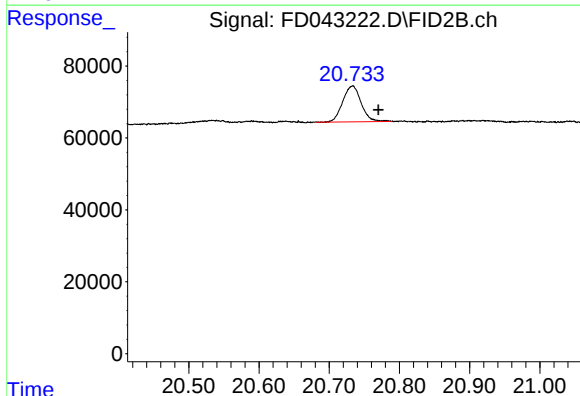
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: -0.029 min
Response: 419824
Conc: 3.30 ug/ml



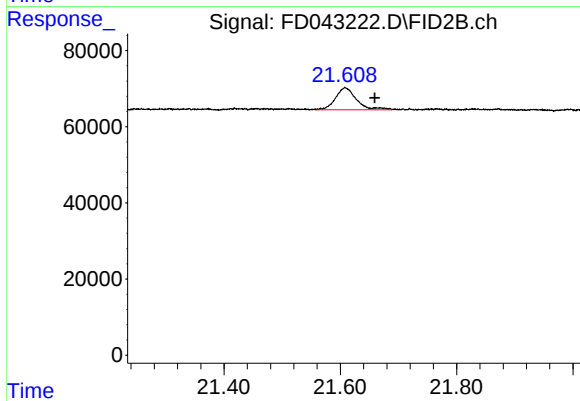
#20 n-Hexatriacontane (C36)

R.T.: 20.012 min
Delta R.T.: -0.030 min
Response: 266541
Conc: 2.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.037 min
Response: 181838
Conc: 1.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.608 min
Delta R.T.: -0.051 min
Response: 144381
Conc: 1.36 ug/ml m