

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100623AL\
 Data File : FE044643.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2023 10:16
 Operator : YP\AJ
 Sample : 04699-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 06 17:44:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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...	13.374	5331921	39.193 ug/ml
Spiked Amount 50.000		Recovery =	78.39%
Target Compounds			
1) T n-Nonane (C9)	3.303	569808	3.510 ug/ml
2) T n-Decane (C10)	4.556	698373	4.217 ug/ml
4) T n-Dodecane (C12)	6.723	808663	4.862 ug/ml
6) T n-Tetradecane (C14)	8.552	816142	4.971 ug/ml
7) T n-Hexadecane (C16)	10.165	832472	4.914 ug/ml
8) T n-Octadecane (C18)	11.611	883746	5.205 ug/ml
10) T n-Eicosane (C20)	12.926	921117	5.725 ug/ml
11) T n-Heneicosane (C21)	13.540	883246	5.641 ug/ml
13) T n-Docosane (C22)	14.128	878006	5.693 ug/ml
14) T n-Tetracosane (C24)	15.235	877964	5.808 ug/ml
15) T n-Hexacosane (C26)	16.259	830546	5.646 ug/ml
16) T n-Octacosane (C28)	17.211	828106	5.774 ug/ml
17) T n-Tricontane (C30)	18.102	850176	5.735 ug/ml
18) T n-Dotriacontane (C32)	18.936	871248	5.885 ug/ml
19) T n-Tetratriacontane (C34)	19.725	826194	5.653 ug/ml
20) T n-Hexatriacontane (C36)	20.468	840128	5.792 ug/ml
21) T n-Octatriacontane (C38)	21.213	810825	5.413 ug/ml
22) T n-Tetracontane (C40)	22.150	854982	5.418 ug/ml

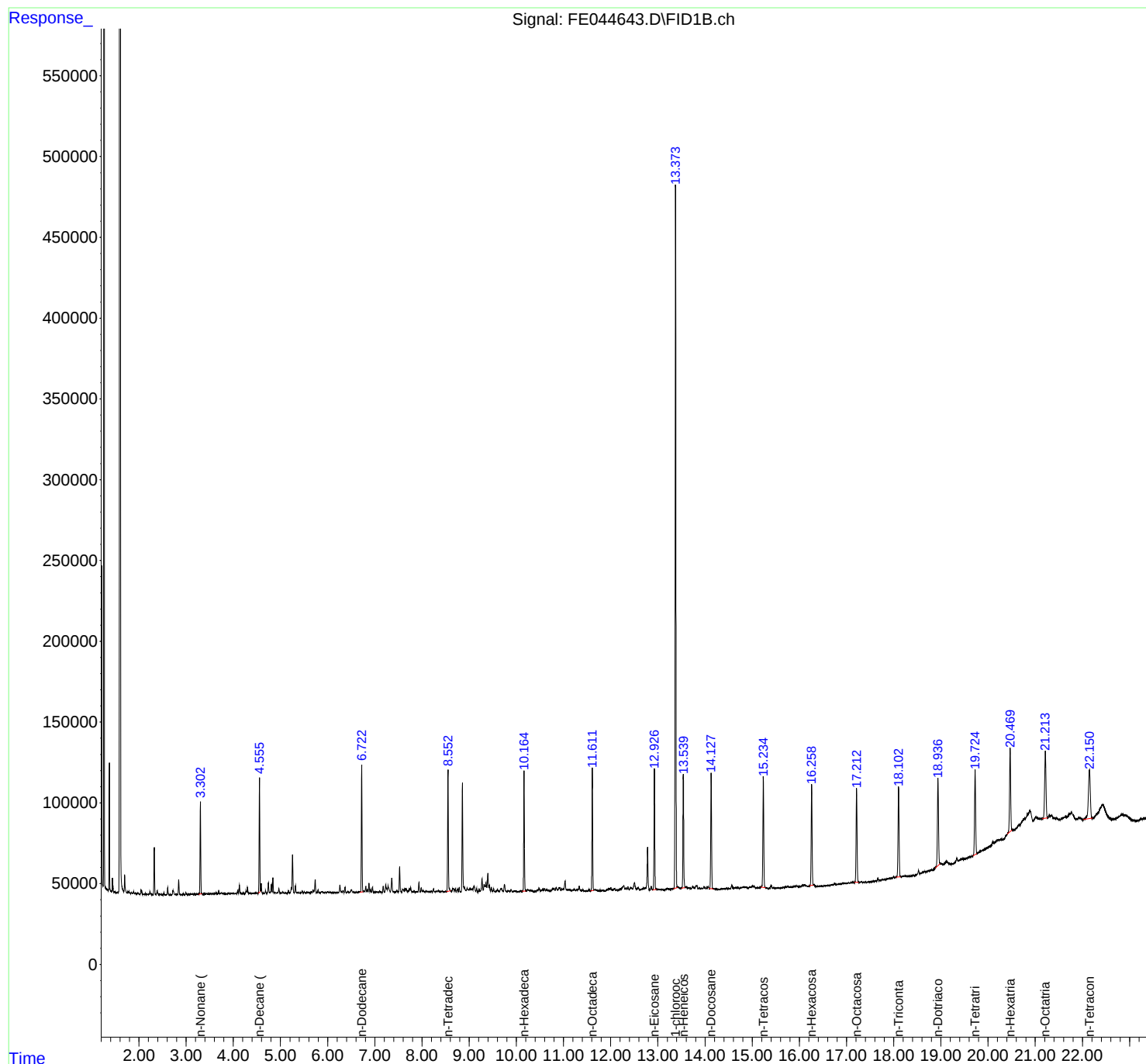
(f)=RT Delta > 1/2 Window

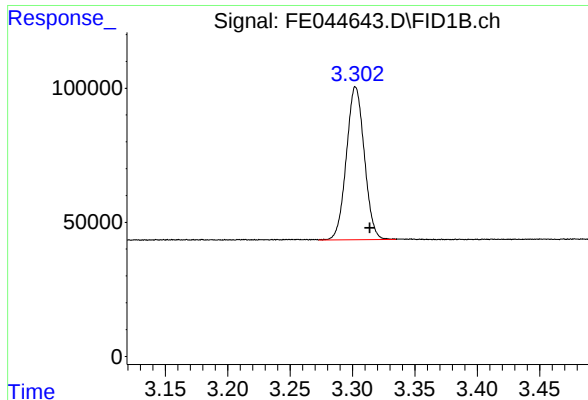
(m)=manual int.

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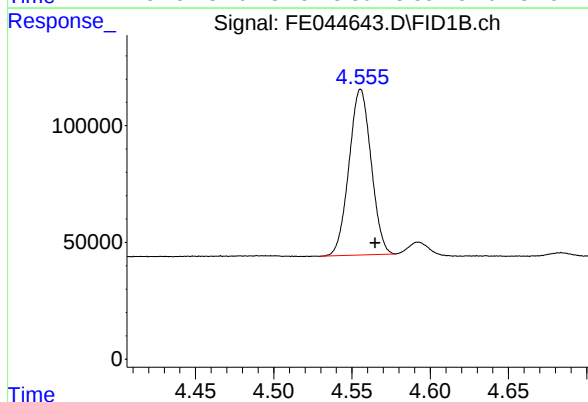
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Signal Info : 20M x 0.18mm x 0.18um





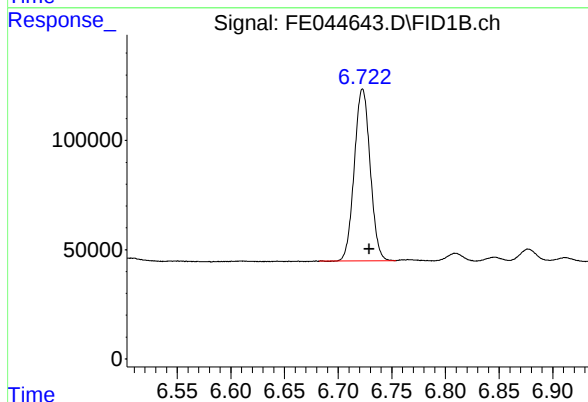
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.011 min
Response: 569808
Conc: 3.51 ug/ml



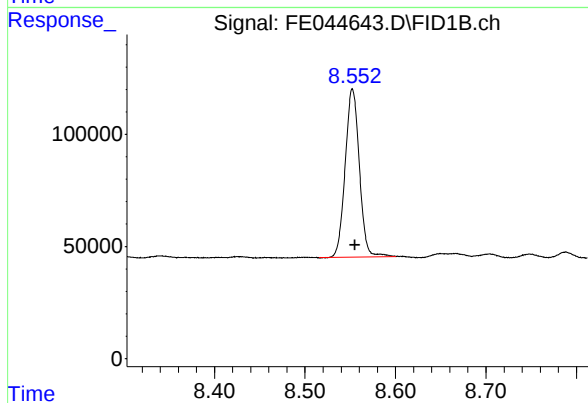
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: -0.009 min
Response: 698373
Conc: 4.22 ug/ml



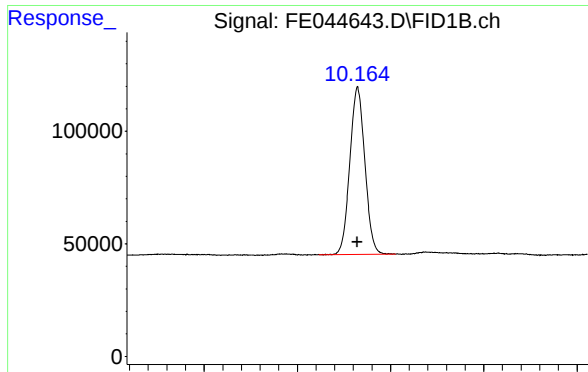
#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 808663
Conc: 4.86 ug/ml



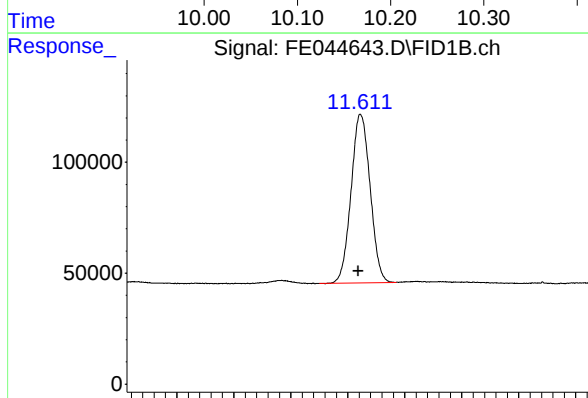
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.003 min
Response: 816142
Conc: 4.97 ug/ml



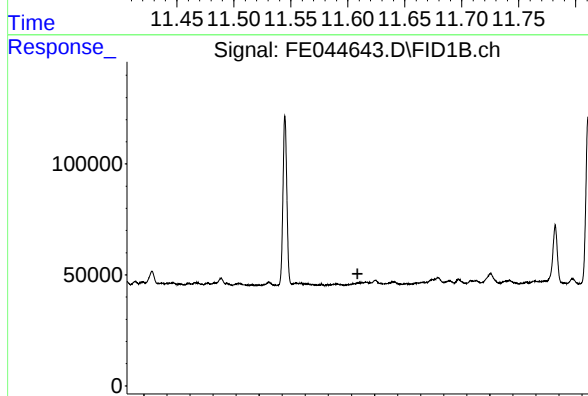
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: 0.000 min
Response: 832472
Conc: 4.91 ug/ml



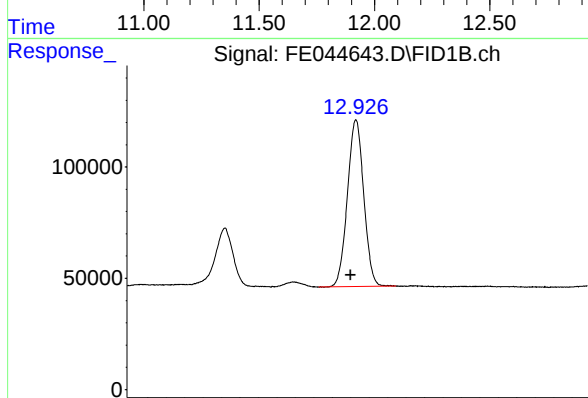
#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: 0.002 min
Response: 883746
Conc: 5.20 ug/ml



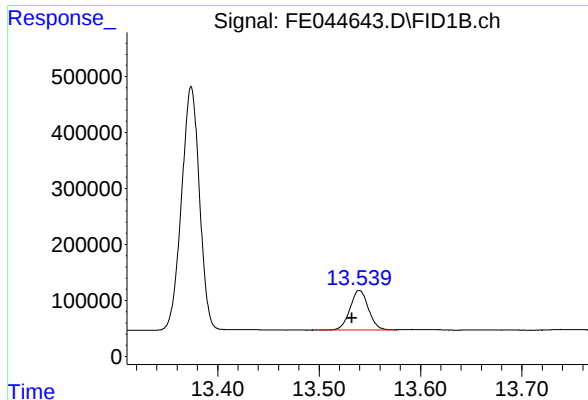
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.926 min
Response: 0
Conc: N.D.



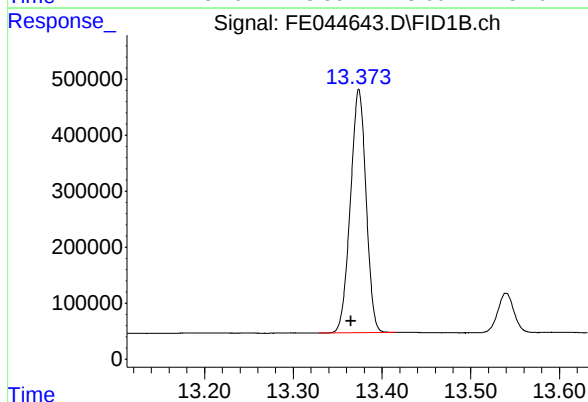
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: 0.006 min
Response: 921117
Conc: 5.73 ug/ml



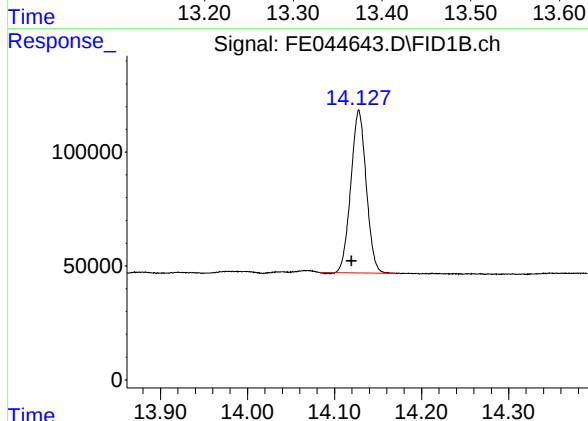
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: 0.007 min
Response: 883246
Conc: 5.64 ug/ml



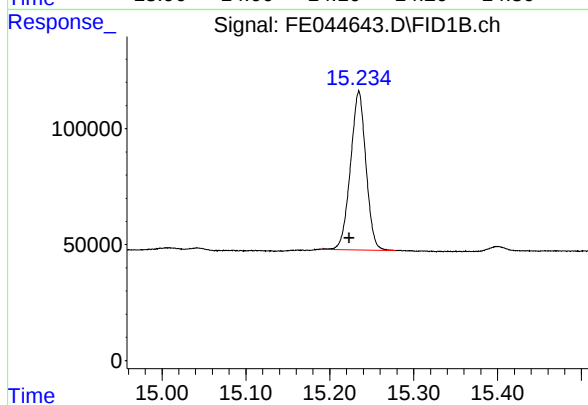
#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min
Delta R.T.: 0.009 min
Response: 5331921
Conc: 39.19 ug/ml



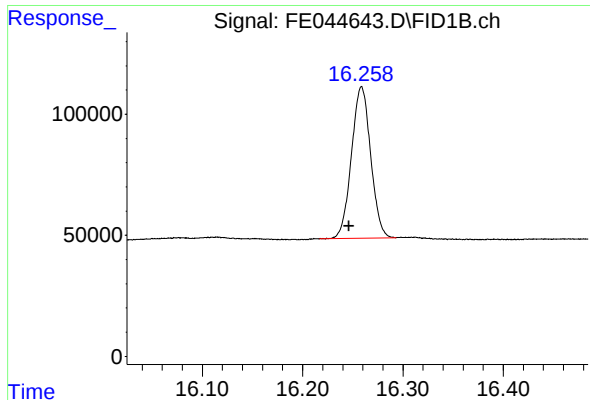
#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: 0.008 min
Response: 878006
Conc: 5.69 ug/ml



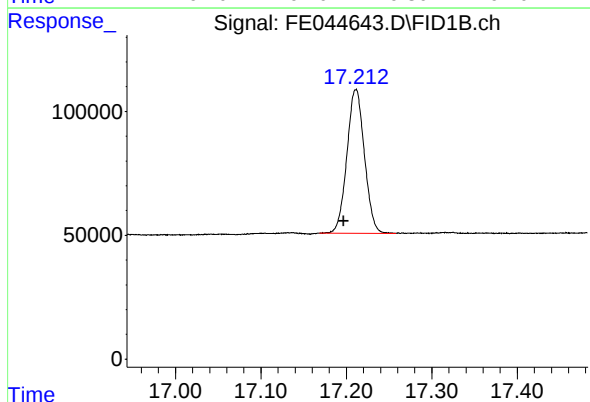
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: 0.011 min
Response: 877964
Conc: 5.81 ug/ml



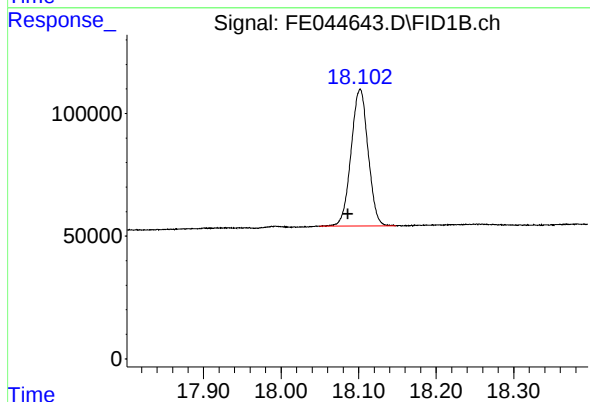
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: 0.013 min
Response: 830546
Conc: 5.65 ug/ml



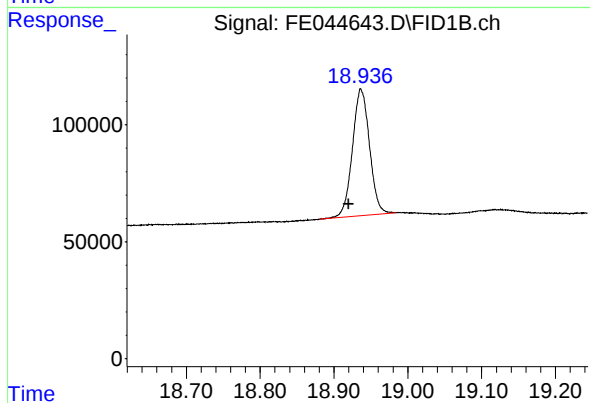
#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: 0.014 min
Response: 828106
Conc: 5.77 ug/ml



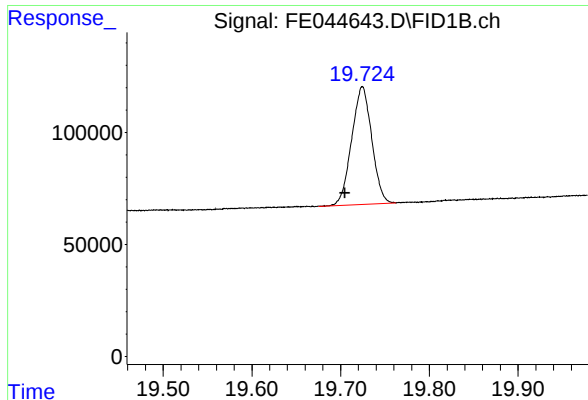
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: 0.016 min
Response: 850176
Conc: 5.74 ug/ml



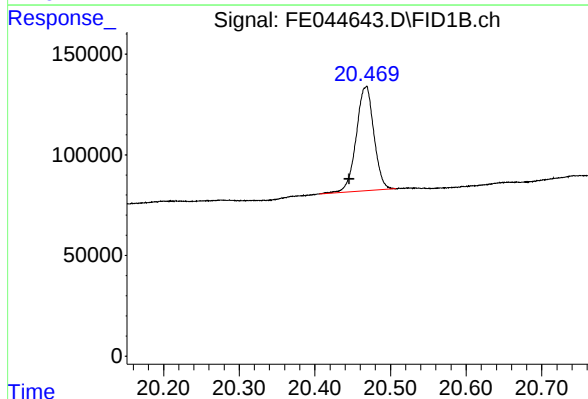
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.017 min
Response: 871248
Conc: 5.89 ug/ml



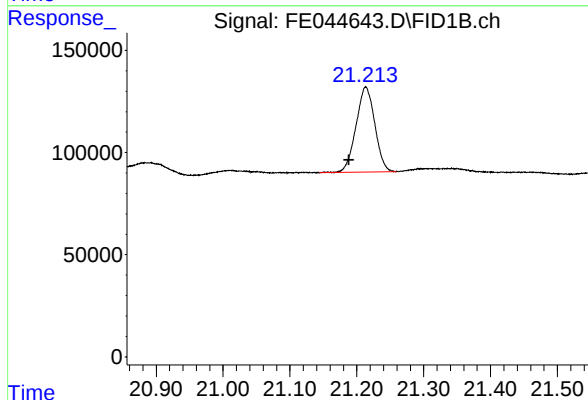
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.020 min
Response: 826194
Conc: 5.65 ug/ml



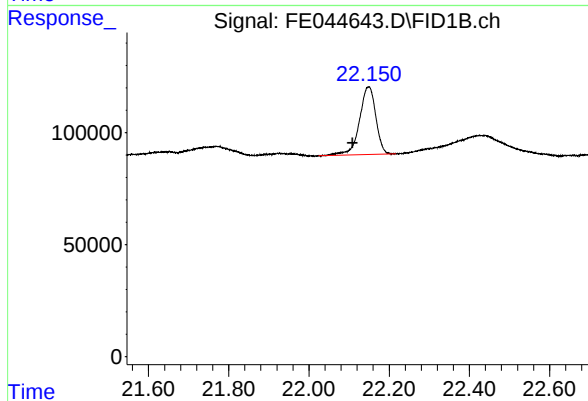
#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: 0.022 min
Response: 840128
Conc: 5.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.025 min
Response: 810825
Conc: 5.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.150 min
Delta R.T.: 0.041 min
Response: 854982
Conc: 5.42 ug/ml