

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100623AL\
 Data File : FE044646.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2023 11:47
 Operator : YP\AJ
 Sample : 04699-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 06 17:45:39 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...	13.373	5372958	39.494 ug/ml
Spiked Amount 50.000		Recovery =	78.99%
Target Compounds			
1) T n-Nonane (C9)	3.302	578290	3.562 ug/ml
2) T n-Decane (C10)	4.555	706225	4.265 ug/ml
4) T n-Dodecane (C12)	6.722	818752	4.922 ug/ml
6) T n-Tetradecane (C14)	8.551	821635	5.005 ug/ml
7) T n-Hexadecane (C16)	10.164	843039	4.976 ug/ml
8) T n-Octadecane (C18)	11.612	893775	5.264 ug/ml
10) T n-Eicosane (C20)	12.925	931503	5.790 ug/ml
11) T n-Heneicosane (C21)	13.539	893692	5.707 ug/ml
13) T n-Docosane (C22)	14.127	888200	5.759 ug/ml
14) T n-Tetracosane (C24)	15.233	889539	5.885 ug/ml
15) T n-Hexacosane (C26)	16.257	849685	5.776 ug/ml
16) T n-Octacosane (C28)	17.210	848793	5.918 ug/ml
17) T n-Tricontane (C30)	18.101	865894	5.841 ug/ml
18) T n-Dotriacontane (C32)	18.935	882128	5.959 ug/ml
19) T n-Tetratriacontane (C34)	19.722	850014	5.816 ug/ml
20) T n-Hexatriacontane (C36)	20.464	814938	5.618 ug/ml
21) T n-Octatriacontane (C38)	21.213	847214	5.656 ug/ml
22) T n-Tetracontane (C40)	22.147	809232	5.128 ug/ml

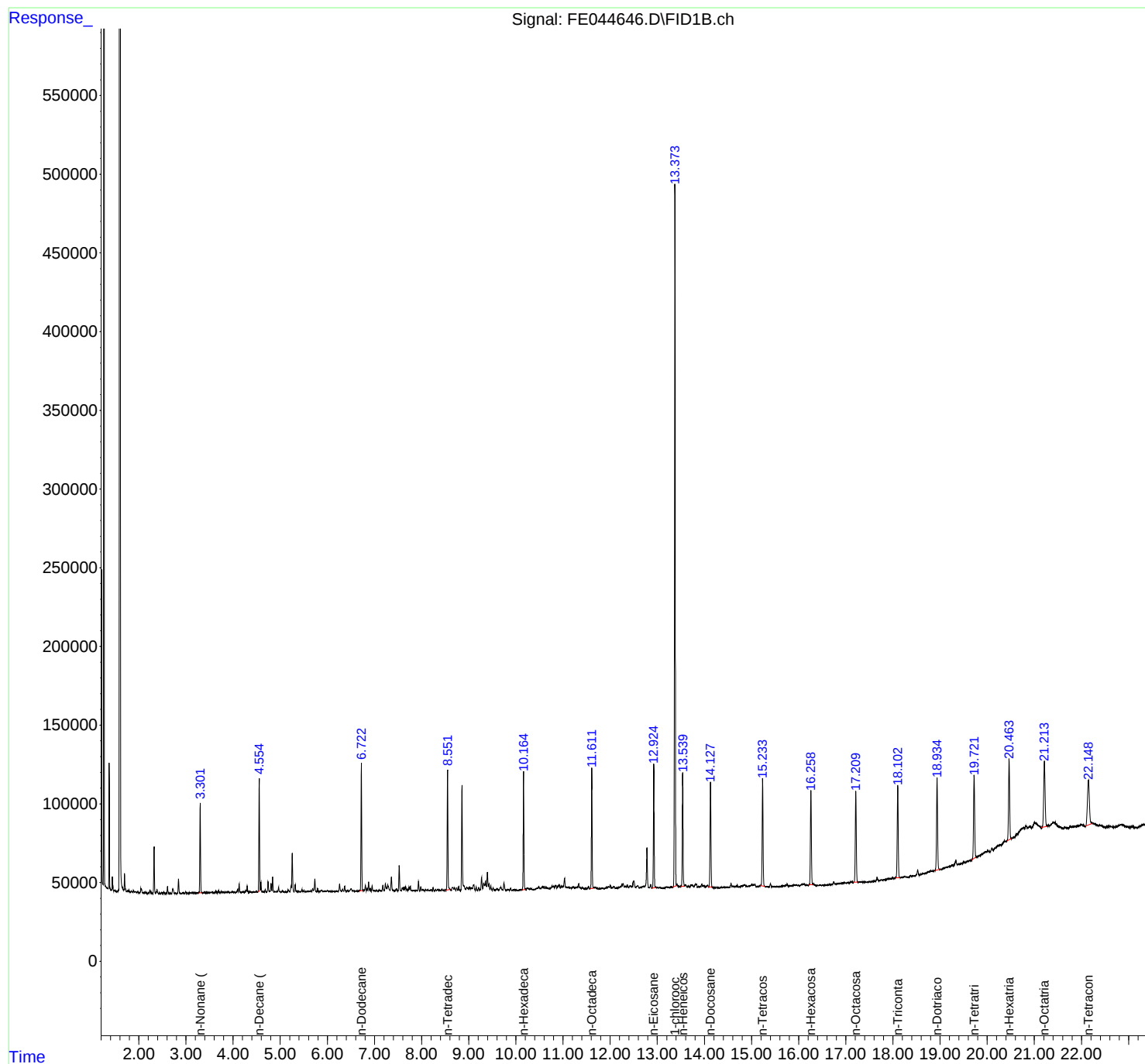
(f)=RT Delta > 1/2 Window

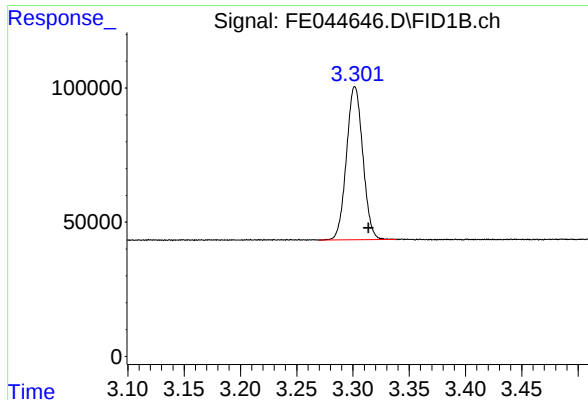
(m)=manual int.

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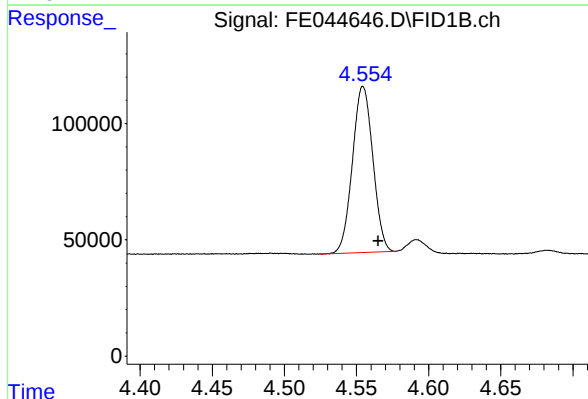
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Signal Info : 20M x 0.18mm x 0.18um





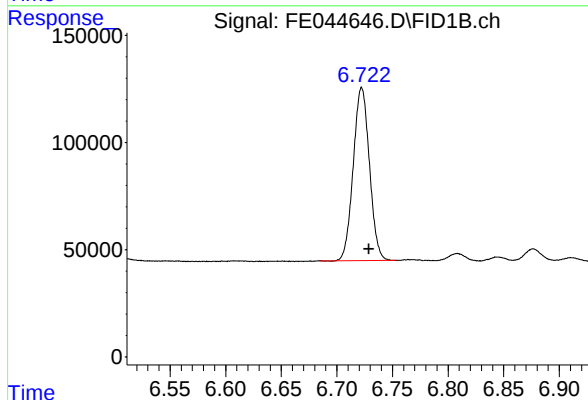
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.012 min
Response: 578290
Conc: 3.56 ug/ml



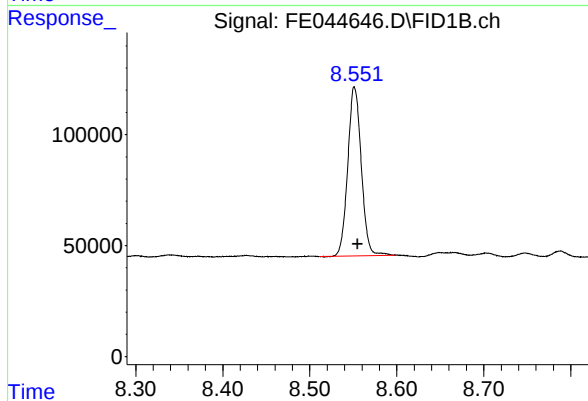
#2 n-Decane (C10)

R.T.: 4.555 min
Delta R.T.: -0.010 min
Response: 706225
Conc: 4.26 ug/ml



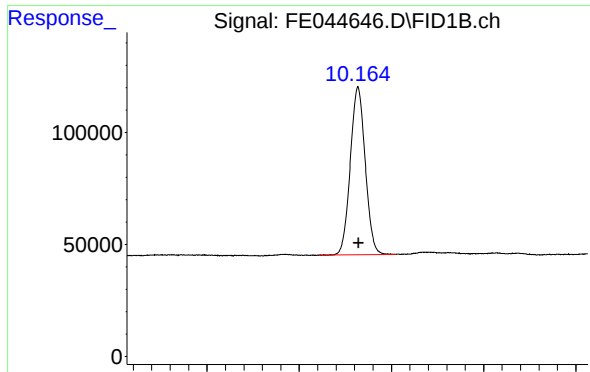
#4 n-Dodecane (C12)

R.T.: 6.722 min
Delta R.T.: -0.007 min
Response: 818752
Conc: 4.92 ug/ml



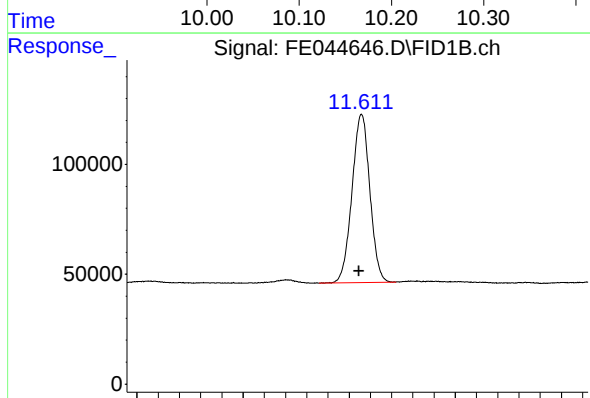
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.004 min
Response: 821635
Conc: 5.00 ug/ml



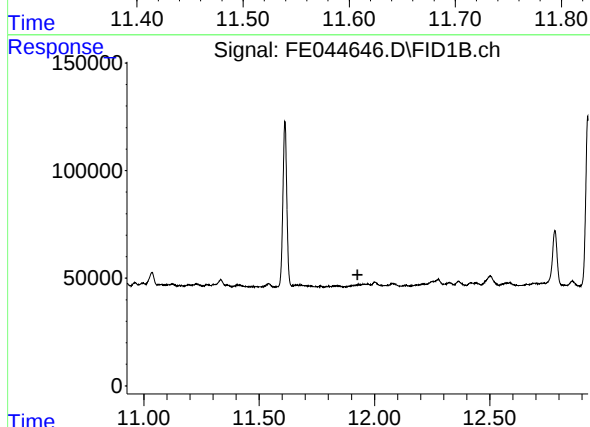
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 843039
Conc: 4.98 ug/ml



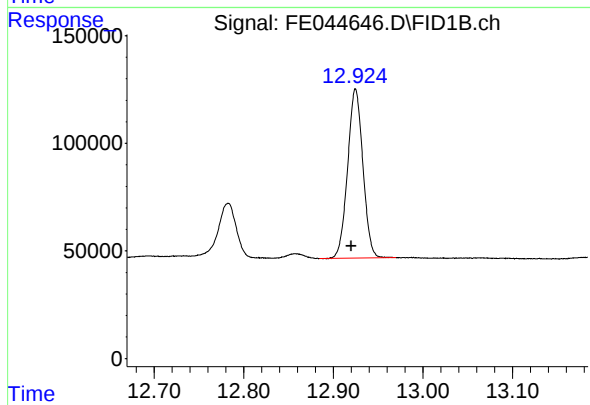
#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: 0.002 min
Response: 893775
Conc: 5.26 ug/ml



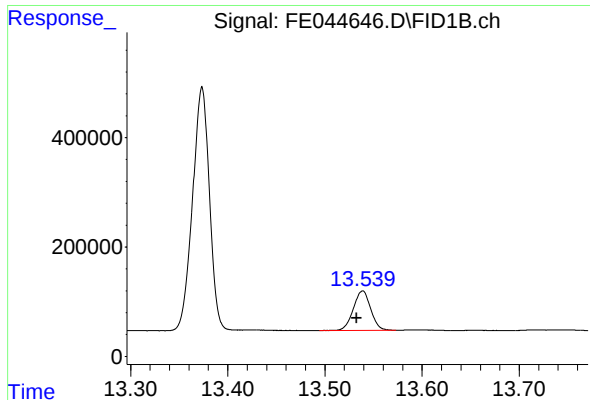
#9 ortho-Terphenyl (SURR)

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



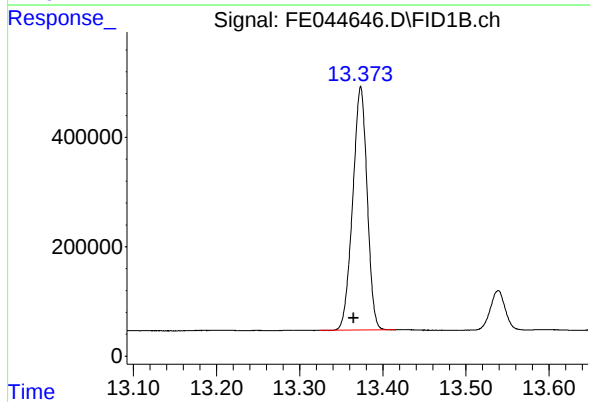
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: 0.005 min
Response: 931503
Conc: 5.79 ug/ml



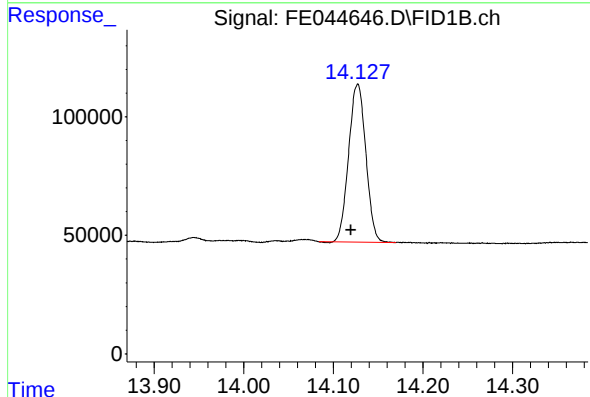
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: 0.006 min
Response: 893692
Conc: 5.71 ug/ml



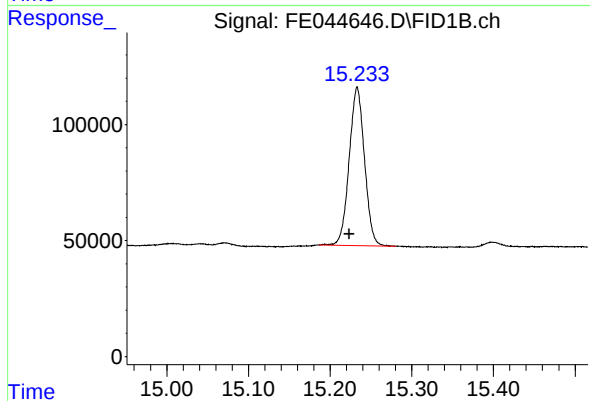
#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: 0.008 min
Response: 5372958
Conc: 39.49 ug/ml



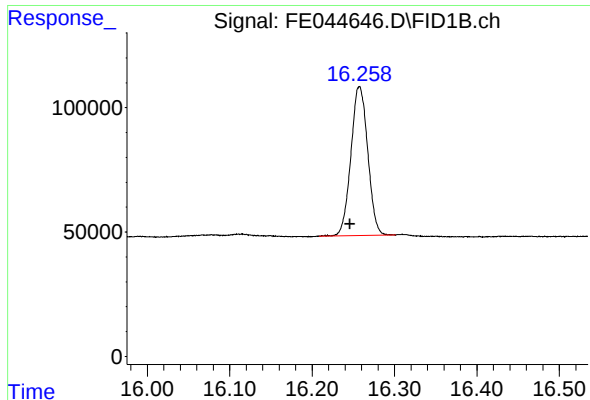
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: 0.007 min
Response: 888200
Conc: 5.76 ug/ml



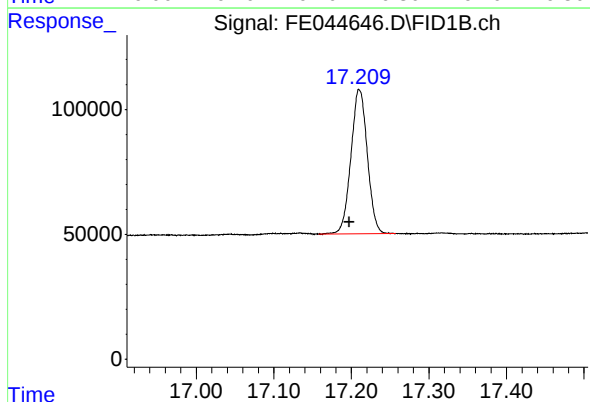
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: 0.010 min
Response: 889539
Conc: 5.88 ug/ml



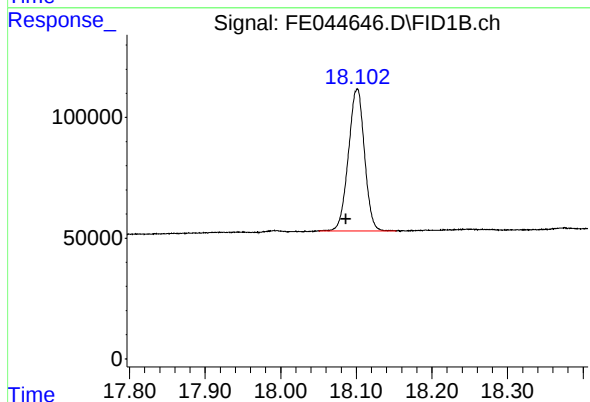
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: 0.011 min
Response: 849685
Conc: 5.78 ug/ml



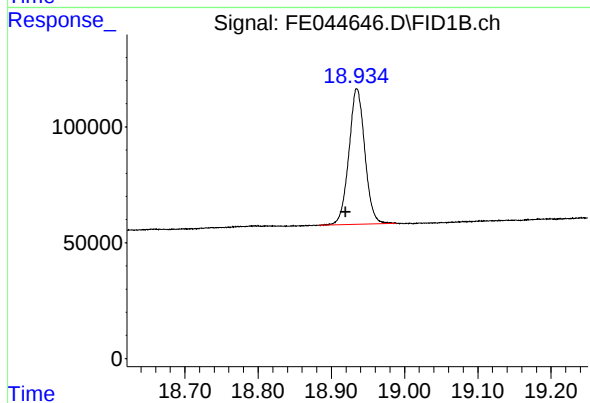
#16 n-Octacosane (C28)

R.T.: 17.210 min
Delta R.T.: 0.013 min
Response: 848793
Conc: 5.92 ug/ml



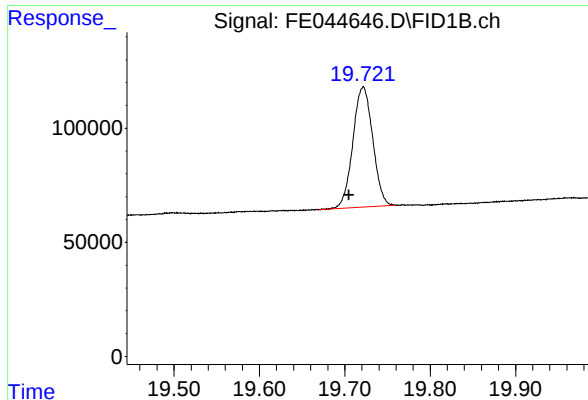
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.015 min
Response: 865894
Conc: 5.84 ug/ml



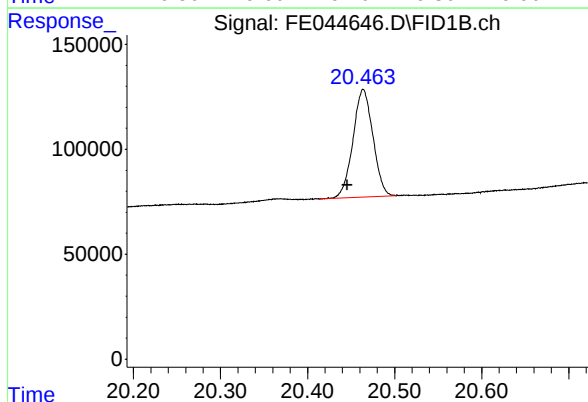
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: 0.015 min
Response: 882128
Conc: 5.96 ug/ml



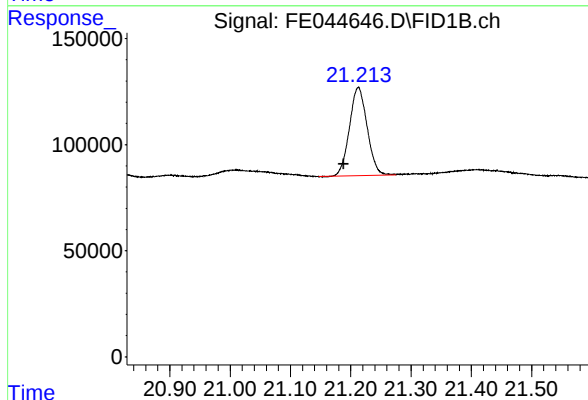
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.017 min
Response: 850014
Conc: 5.82 ug/ml



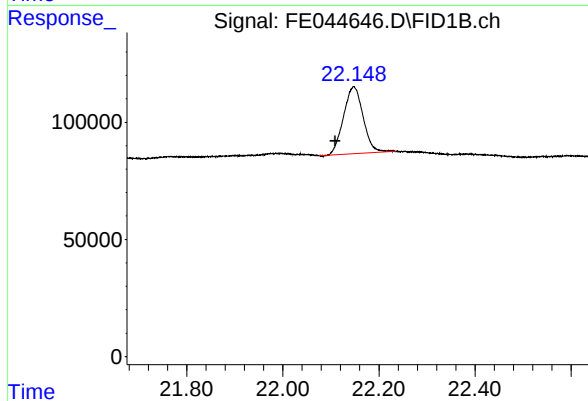
#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: 0.018 min
Response: 814938
Conc: 5.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.024 min
Response: 847214
Conc: 5.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: 0.038 min
Response: 809232
Conc: 5.13 ug/ml