

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE063022AL\
 Data File : FE036305.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jun 2022 12:25
 Operator : YP\AJ
 Sample : N3214-07
 Misc : 1 PPM WATER LOD
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 01 02:56:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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...	13.311	4931769	31.855 ug/ml
Spiked Amount 50.000		Recovery =	63.71%
Target Compounds			
1) T n-Nonane (C9)	3.263	158376	<MDL ug/ml
2) T n-Decane (C10)	4.516	199957	1.112 ug/ml
4) T n-Dodecane (C12)	6.683	399195	2.155 ug/ml
6) T n-Tetradecane (C14)	8.509	284902	1.524 ug/ml
7) T n-Hexadecane (C16)	10.115	246836	1.318 ug/ml
8) T n-Octadecane (C18)	11.556	260718	1.401 ug/ml
10) T n-Eicosane (C20)	12.864	258192	1.425 ug/ml
11) T n-Heneicosane (C21)	13.475	256222	1.426 ug/ml
13) T n-Docosane (C22)	14.061	254440	1.439 ug/ml
14) T n-Tetracosane (C24)	15.163	259680	1.516 ug/ml
15) T n-Hexacosane (C26)	16.182	248298	1.503 ug/ml
16) T n-Octacosane (C28)	17.132	250725	1.566 ug/ml
17) T n-Tricontane (C30)	18.019	287152	1.855 ug/ml
18) T n-Dotriacontane (C32)	18.852	293547	2.009 ug/mlm
19) T n-Tetratriacontane (C34)	19.634	278091	2.010 ug/mlm
20) T n-Hexatriacontane (C36)	20.374	249627	1.859 ug/ml
21) T n-Octatriacontane (C38)	21.100	229863	1.728 ug/mlm
22) T n-Tetracontane (C40)	21.992	268027	1.917 ug/ml

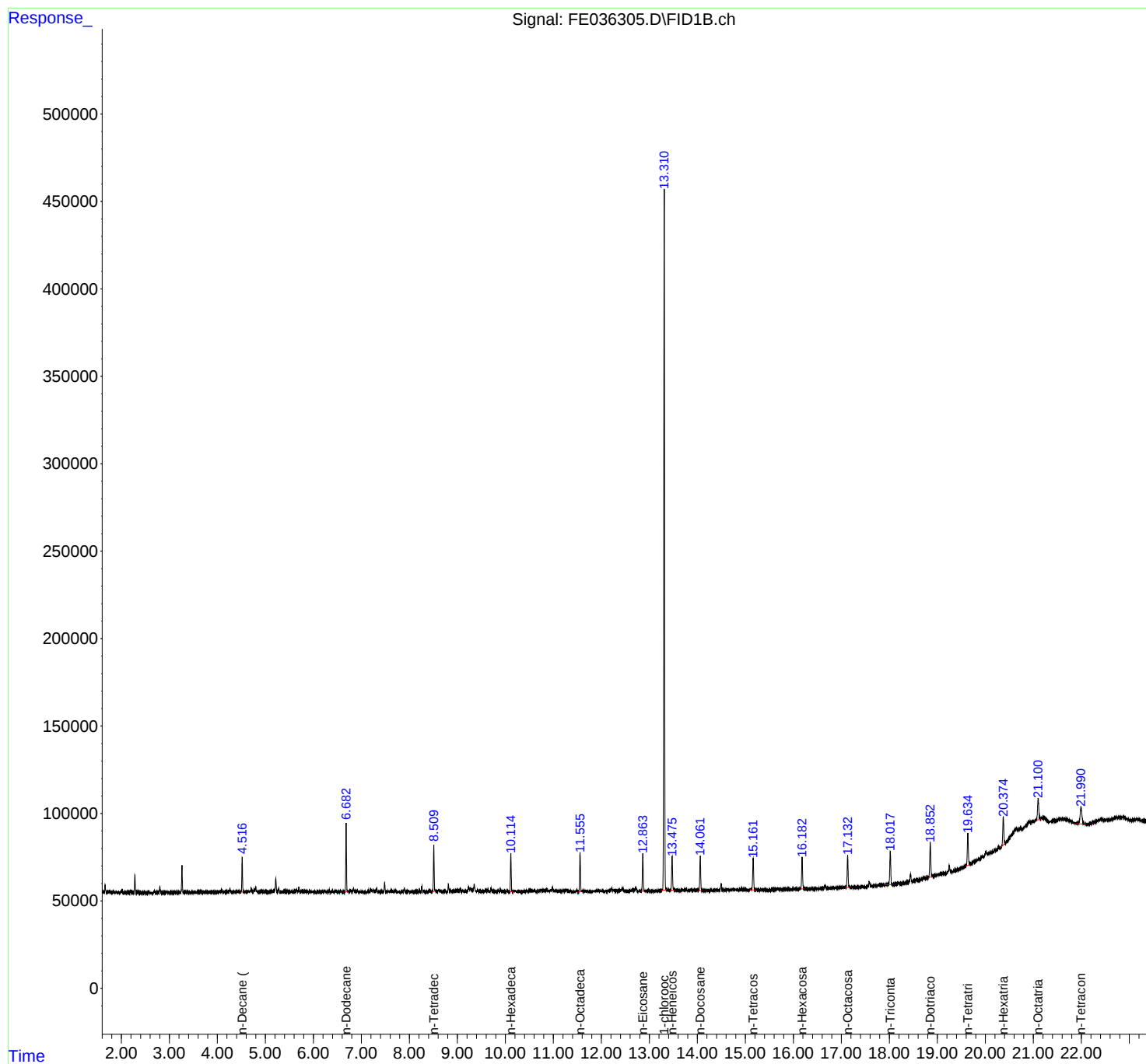
(f)=RT Delta > 1/2 Window

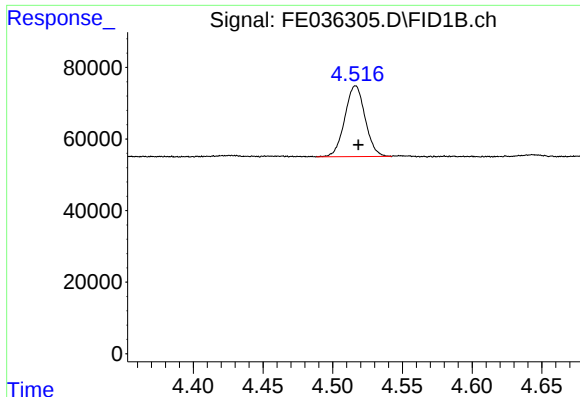
(m)=manual int.

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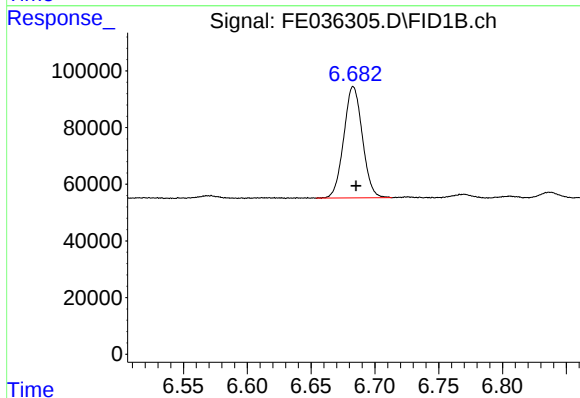
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





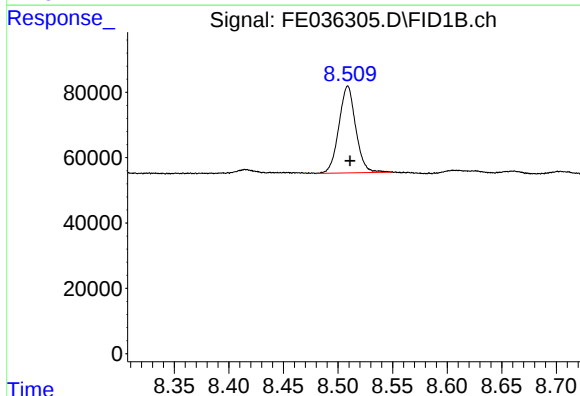
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.002 min
Response: 199957
Conc: 1.11 ug/ml



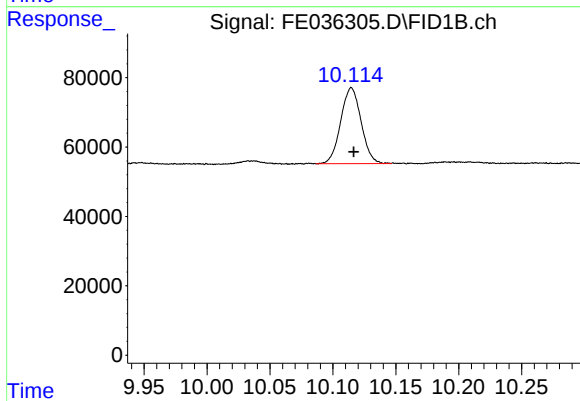
#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 399195
Conc: 2.16 ug/ml



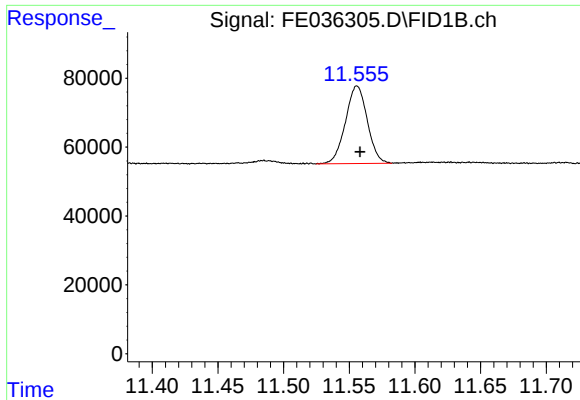
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 284902
Conc: 1.52 ug/ml



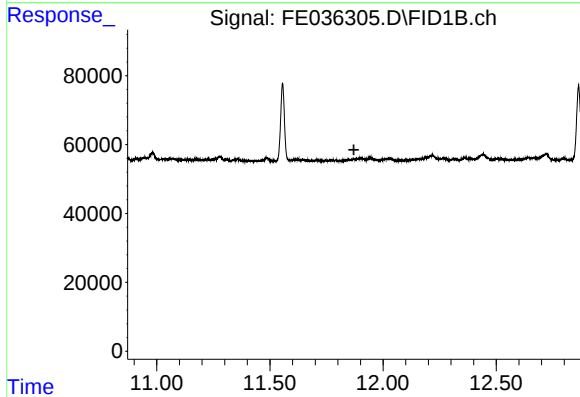
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.002 min
Response: 246836
Conc: 1.32 ug/ml



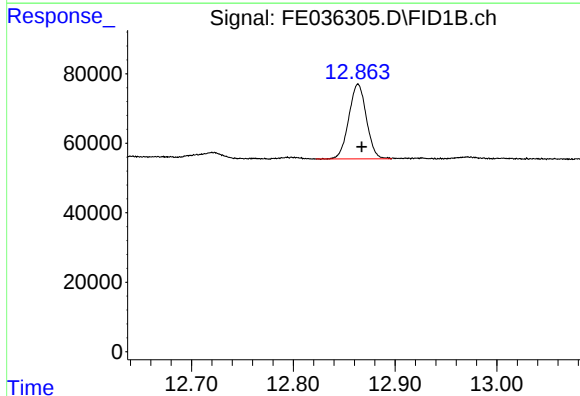
#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: -0.002 min
Response: 260718
Conc: 1.40 ug/ml



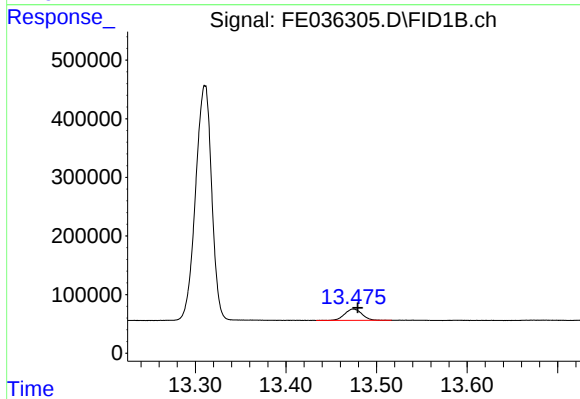
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.871 min
Response: 0
Conc: N.D.



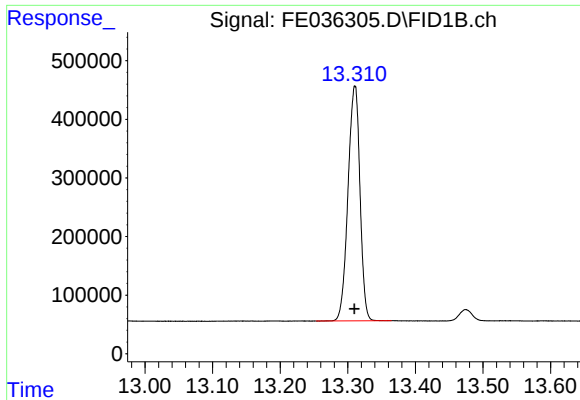
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.004 min
Response: 258192
Conc: 1.43 ug/ml



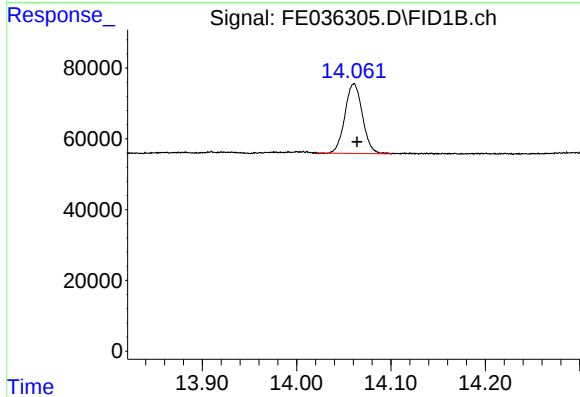
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.005 min
Response: 256222
Conc: 1.43 ug/ml



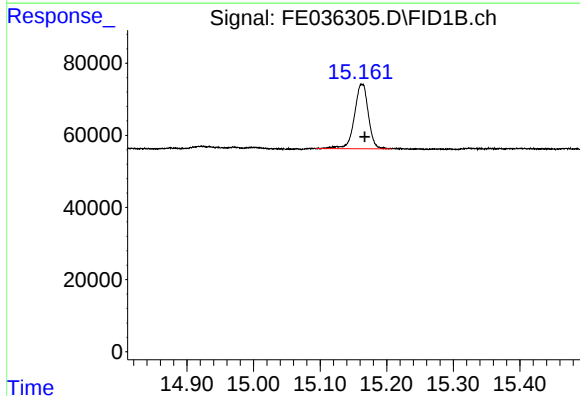
#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 4931769
Conc: 31.86 ug/ml



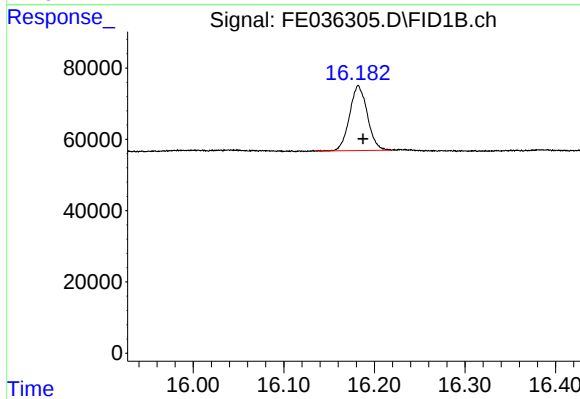
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.003 min
Response: 254440
Conc: 1.44 ug/ml



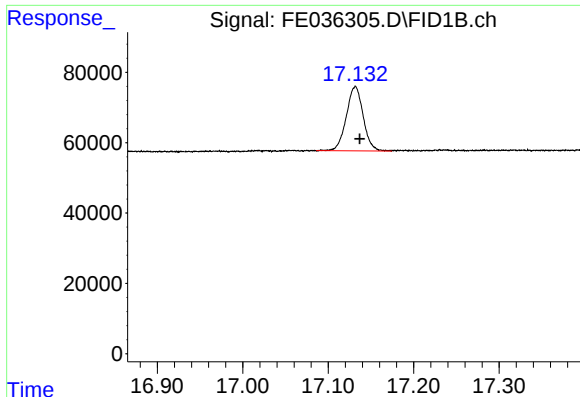
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.004 min
Response: 259680
Conc: 1.52 ug/ml



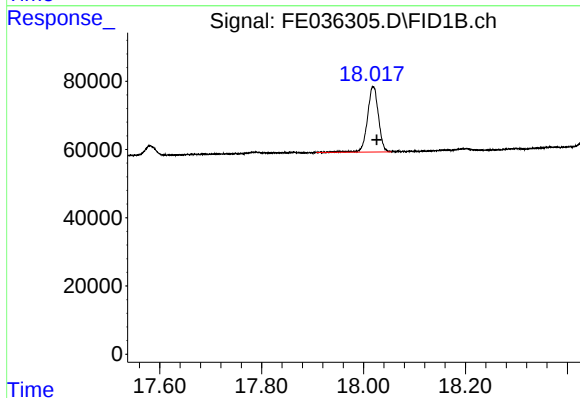
#15 n-Hexacosane (C26)

R.T.: 16.182 min
Delta R.T.: -0.005 min
Response: 248298
Conc: 1.50 ug/ml



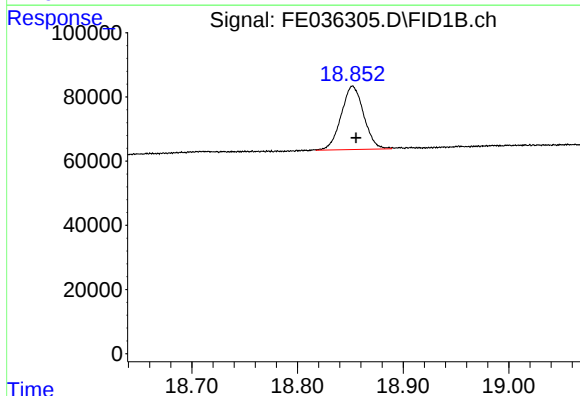
#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: -0.005 min
Response: 250725
Conc: 1.57 ug/ml



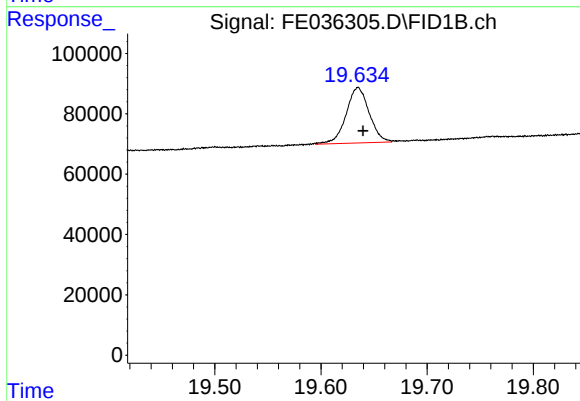
#17 n-Tricontane (C30)

R.T.: 18.019 min
Delta R.T.: -0.007 min
Response: 287152
Conc: 1.85 ug/ml



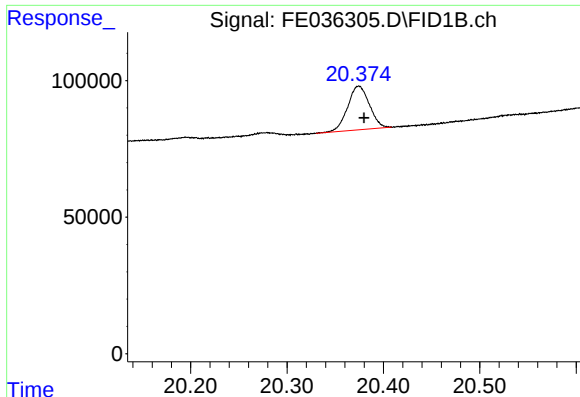
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: -0.003 min
Response: 293547
Conc: 2.01 ug/ml m



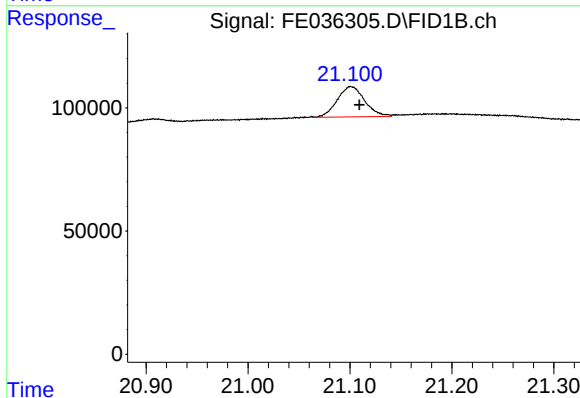
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.006 min
Response: 278091
Conc: 2.01 ug/ml m



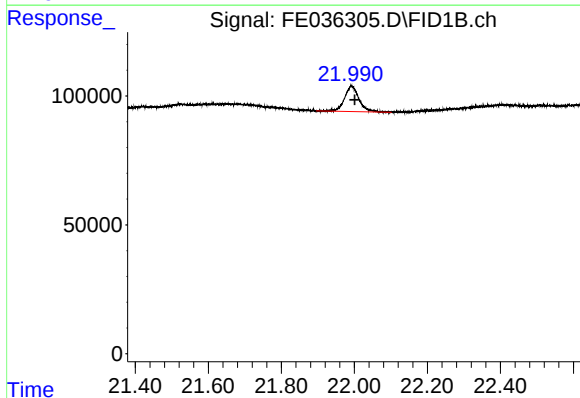
#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.006 min
Response: 249627
Conc: 1.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.100 min
Delta R.T.: -0.009 min
Response: 229863
Conc: 1.73 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: -0.010 min
Response: 268027
Conc: 1.92 ug/ml