

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100623AL\
 Data File : FE044642.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2023 09:45
 Operator : YP\AJ
 Sample : 04699-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 06 17:44:18 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...	13.375	4977916	36.591 ug/ml
Spiked Amount 50.000		Recovery =	73.18%
Target Compounds			
1) T n-Nonane (C9)	3.303	412369	2.540 ug/ml
2) T n-Decane (C10)	4.556	513410	3.100 ug/ml
4) T n-Dodecane (C12)	6.723	622835	3.745 ug/ml
6) T n-Tetradecane (C14)	8.553	597780	3.641 ug/ml
7) T n-Hexadecane (C16)	10.165	617382	3.644 ug/ml
8) T n-Octadecane (C18)	11.612	649517	3.825 ug/ml
10) T n-Eicosane (C20)	12.926	670132	4.165 ug/ml
11) T n-Heneicosane (C21)	13.539	640526	4.091 ug/ml
13) T n-Docosane (C22)	14.128	635746	4.122 ug/ml
14) T n-Tetracosane (C24)	15.235	619680	4.099 ug/ml
15) T n-Hexacosane (C26)	16.258	598291	4.067 ug/ml
16) T n-Octacosane (C28)	17.212	607028	4.232 ug/ml
17) T n-Tricontane (C30)	18.102	654454	4.415 ug/ml
18) T n-Dotriacontane (C32)	18.940	878914	5.937 ug/ml
19) T n-Tetratriacontane (C34)	19.726	705240	4.826 ug/ml
20) T n-Hexatriacontane (C36)	20.469	719226	4.958 ug/ml
21) T n-Octatriacontane (C38)	21.217	670214	4.474 ug/ml
22) T n-Tetracontane (C40)	22.152	812040	5.146 ug/mlm

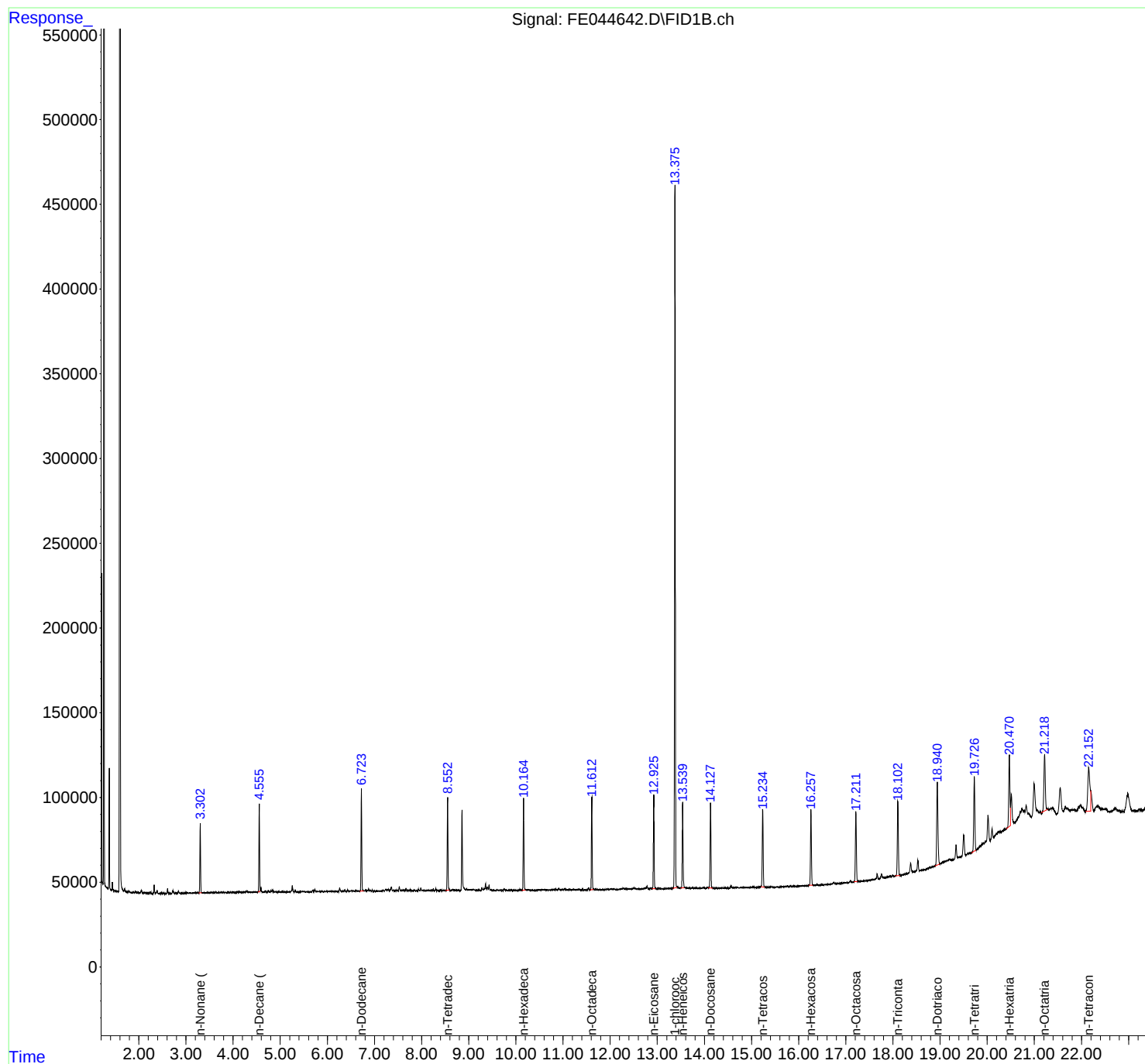
(f)=RT Delta > 1/2 Window

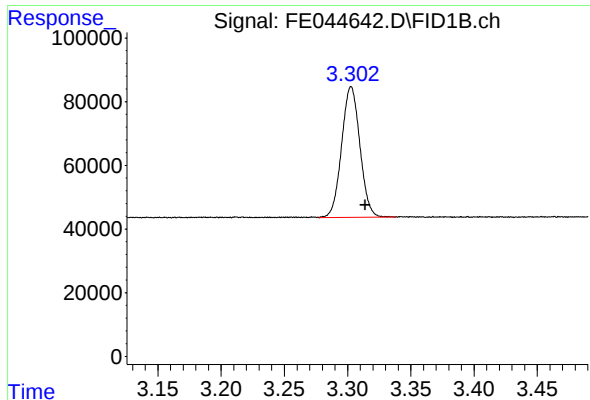
(m)=manual int.

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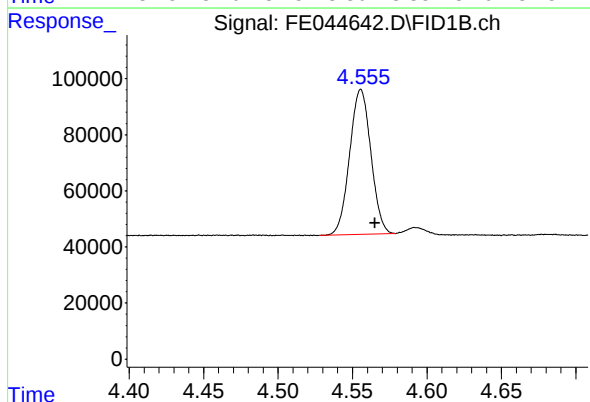
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Signal Info : 20M x 0.18mm x 0.18um





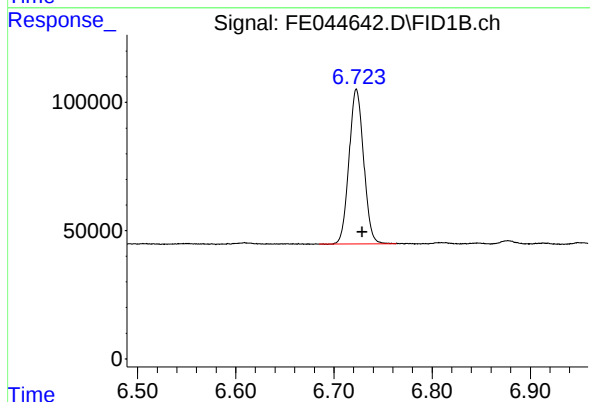
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.011 min
Response: 412369
Conc: 2.54 ug/ml



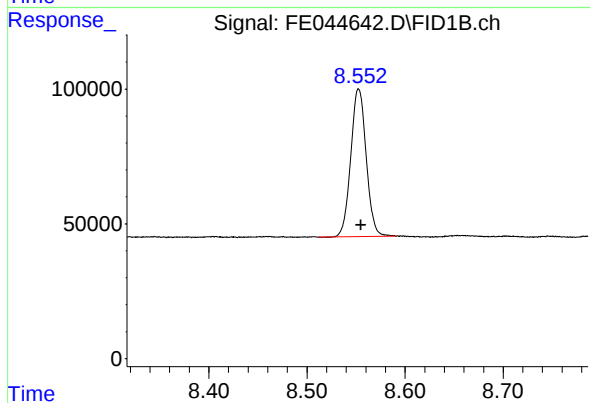
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: -0.009 min
Response: 513410
Conc: 3.10 ug/ml



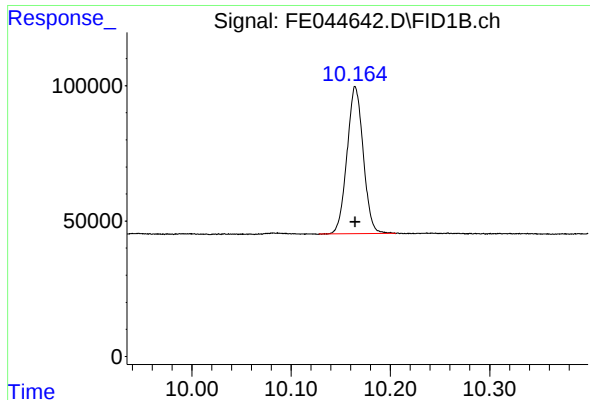
#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 622835
Conc: 3.74 ug/ml



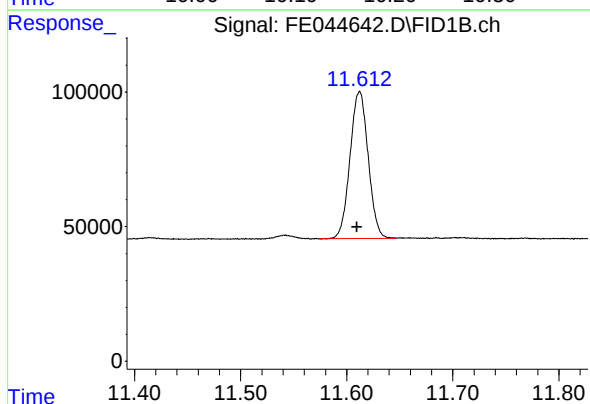
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.003 min
Response: 597780
Conc: 3.64 ug/ml



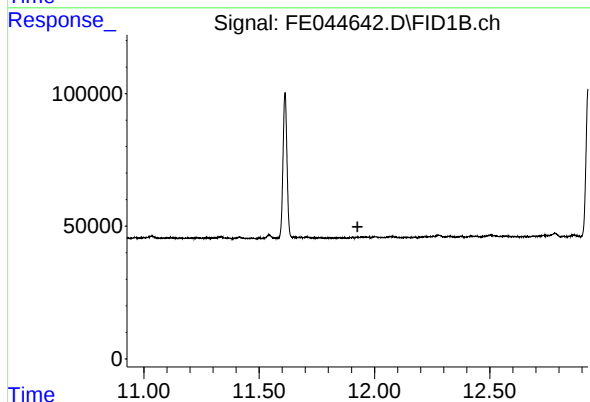
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: 0.000 min
Response: 617382
Conc: 3.64 ug/ml



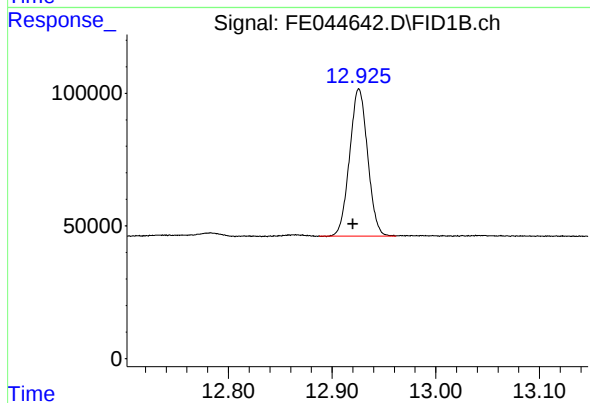
#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: 0.003 min
Response: 649517
Conc: 3.83 ug/ml



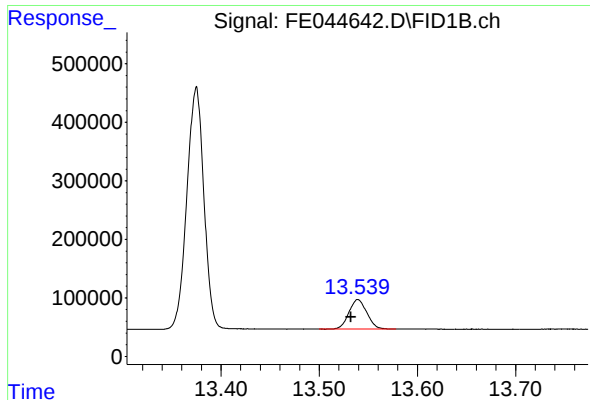
#9 ortho-Terphenyl (SURR)

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



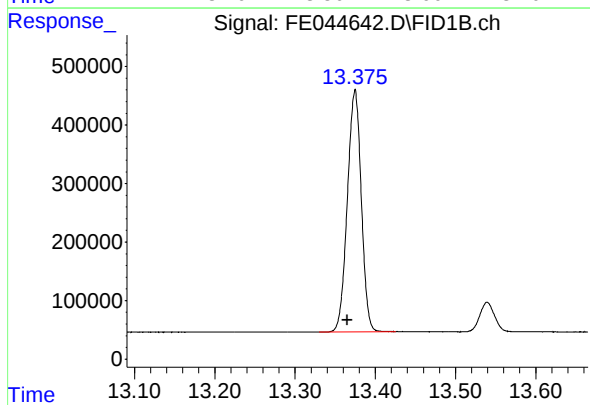
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: 0.006 min
Response: 670132
Conc: 4.17 ug/ml



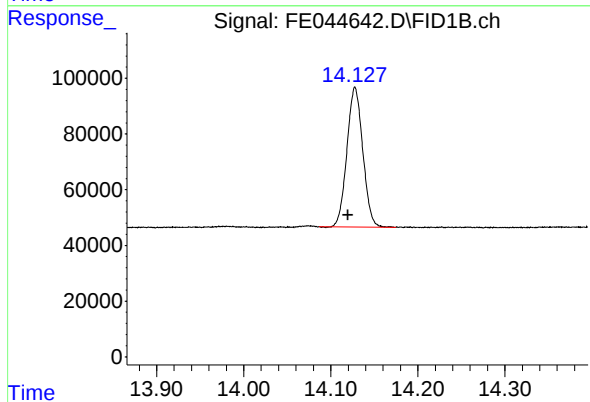
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: 0.007 min
Response: 640526
Conc: 4.09 ug/ml



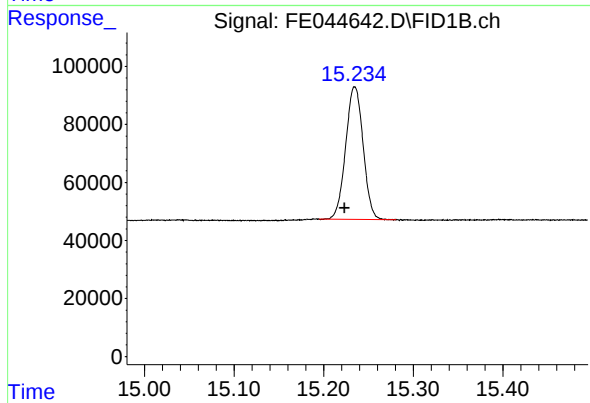
#12 1-chlorooctadecane (SURR)

R.T.: 13.375 min
Delta R.T.: 0.010 min
Response: 4977916
Conc: 36.59 ug/ml



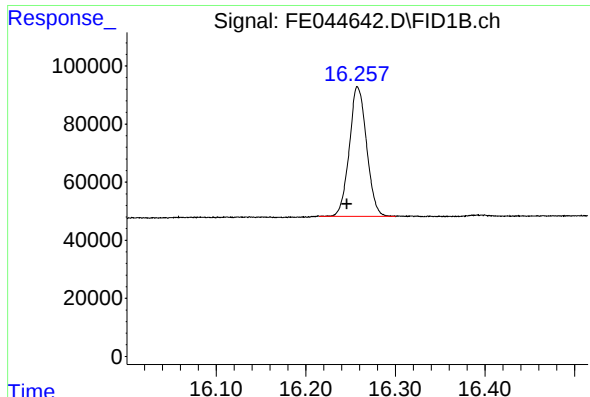
#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: 0.008 min
Response: 635746
Conc: 4.12 ug/ml



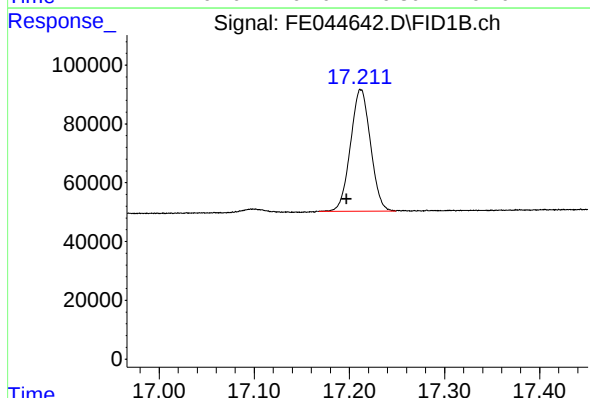
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: 0.011 min
Response: 619680
Conc: 4.10 ug/ml



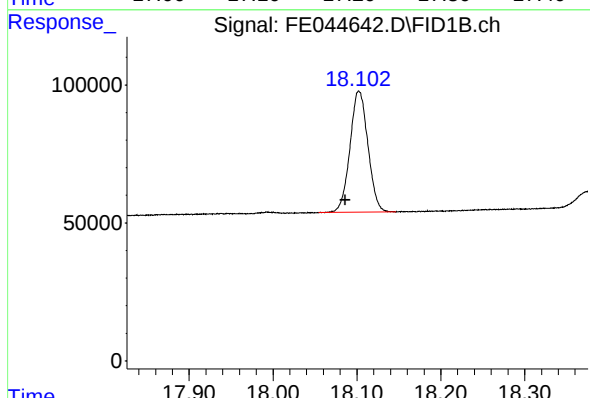
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: 0.012 min
Response: 598291
Conc: 4.07 ug/ml



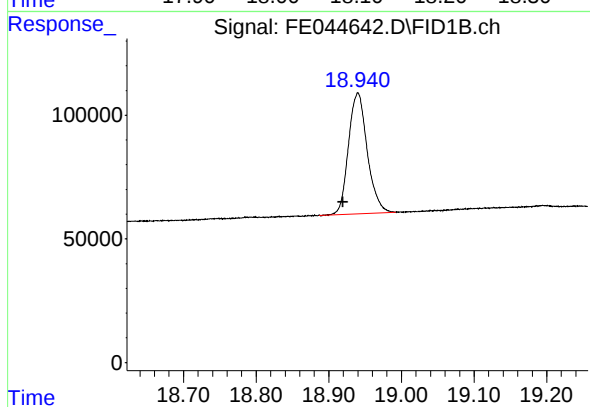
#16 n-Octacosane (C28)

R.T.: 17.212 min
Delta R.T.: 0.015 min
Response: 607028
Conc: 4.23 ug/ml



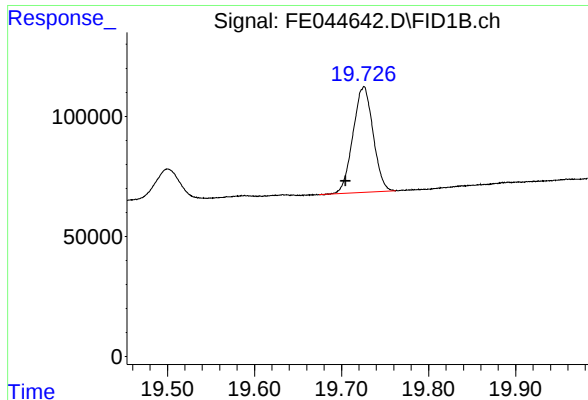
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: 0.016 min
Response: 654454
Conc: 4.42 ug/ml



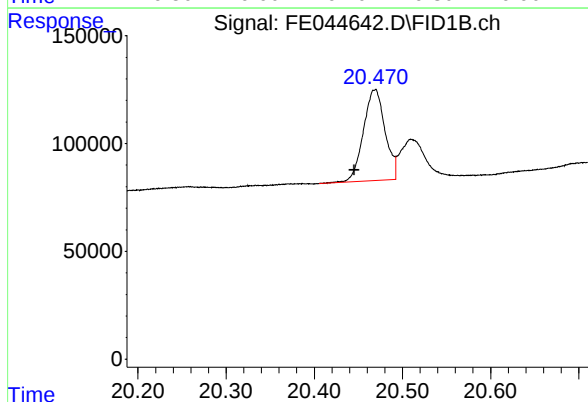
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: 0.020 min
Response: 878914
Conc: 5.94 ug/ml



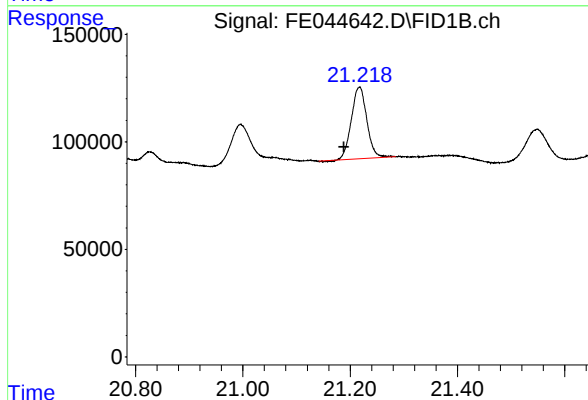
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: 0.021 min
Response: 705240
Conc: 4.83 ug/ml



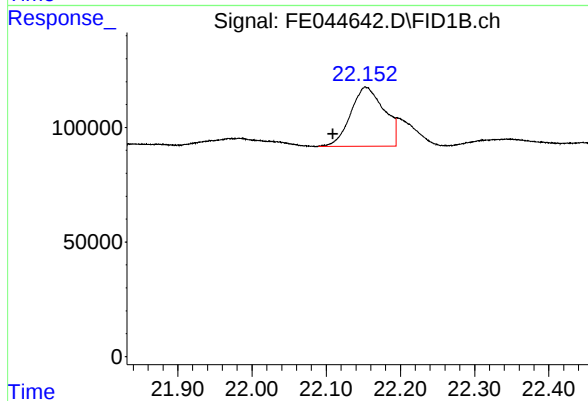
#20 n-Hexatriacontane (C36)

R.T.: 20.469 min
Delta R.T.: 0.023 min
Response: 719226
Conc: 4.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.029 min
Response: 670214
Conc: 4.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: 0.043 min
Response: 812040
Conc: 5.15 ug/ml m