

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022723AL\
 Data File : FE040567.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2023 12:29
 Operator : YP\AJ
 Sample : 01627-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 01:45:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022523.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 25 05:09:21 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...	13.319	7479171	57.678 ug/ml
Spiked Amount 50.000		Recovery =	115.36%
Target Compounds			
1) T n-Nonane (C9)	3.280	321178	2.210 ug/ml
2) T n-Decane (C10)	4.526	395051	2.804 ug/ml
4) T n-Dodecane (C12)	6.688	467623	3.275 ug/ml
6) T n-Tetradecane (C14)	8.514	462619	3.198 ug/ml
7) T n-Hexadecane (C16)	10.121	531679	3.541 ug/ml
8) T n-Octadecane (C18)	11.562	615592	3.934 ug/ml
10) T n-Eicosane (C20)	12.871	655333	4.230 ug/ml
11) T n-Heneicosane (C21)	13.483	608045	3.885 ug/ml
13) T n-Docosane (C22)	14.069	705317	4.529 ug/ml
14) T n-Tetracosane (C24)	15.172	855509	5.537 ug/ml
15) T n-Hexacosane (C26)	16.194	883901	5.867 ug/ml
16) T n-Octacosane (C28)	17.145	1015353	6.865 ug/ml
17) T n-Tricontane (C30)	18.033	1067590	7.446 ug/ml
18) T n-Dotriacontane (C32)	18.867	1061094	7.502 ug/ml
19) T n-Tetratriacontane (C34)	19.651	824231	5.925 ug/ml
20) T n-Hexatriacontane (C36)	20.392	674933	4.899 ug/ml
21) T n-Octatriacontane (C38)	21.122	607053	4.529 ug/ml
22) T n-Tetracontane (C40)	22.014	568080	4.143 ug/ml

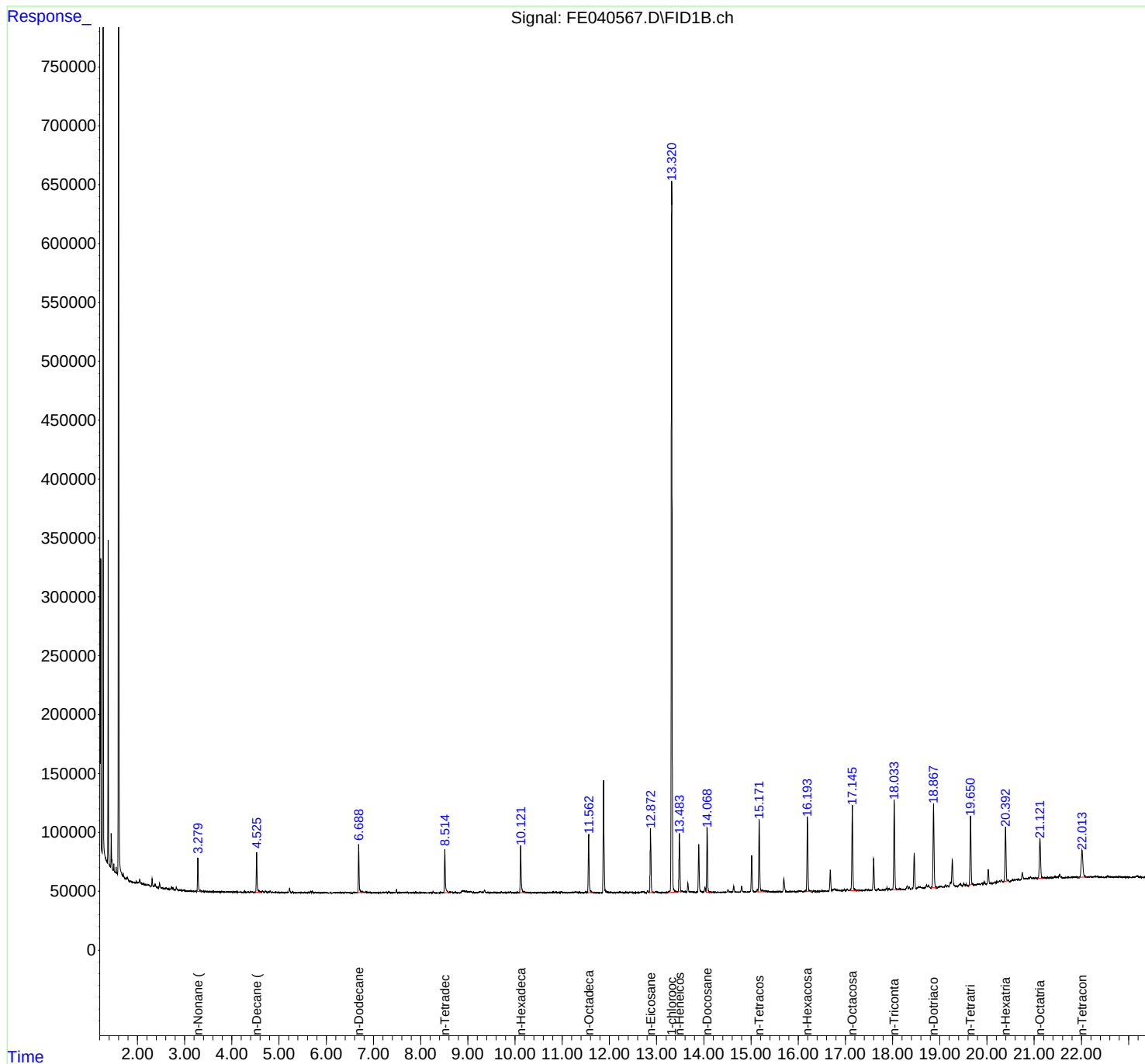
(f)=RT Delta > 1/2 Window

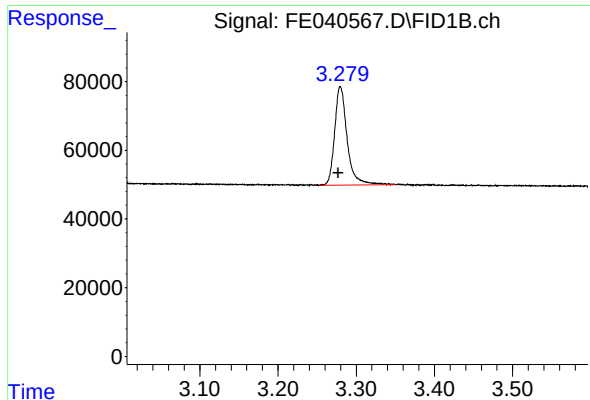
(m)=manual int.

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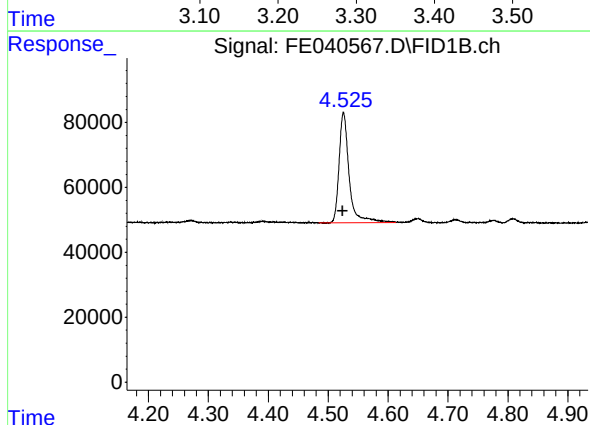
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Signal Info : 20M x 0.18mm x 0.18um





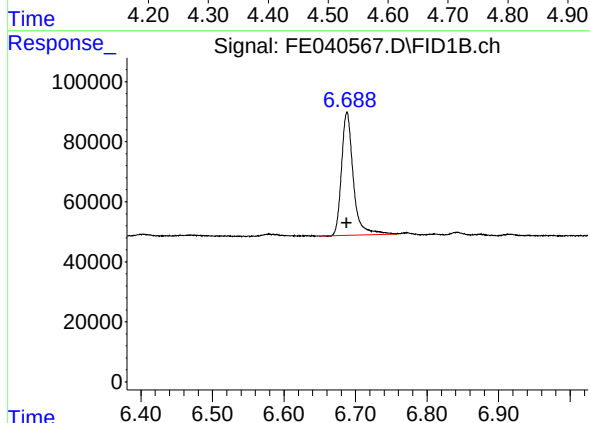
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.003 min
Response: 321178
Conc: 2.21 ug/ml



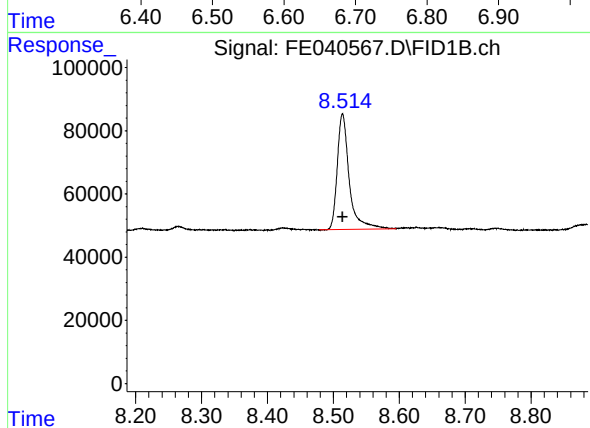
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 395051
Conc: 2.80 ug/ml



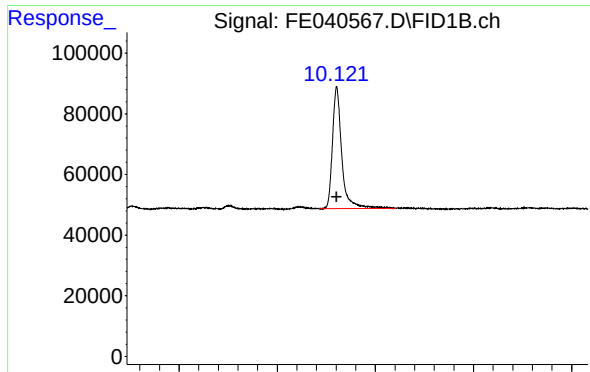
#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 467623
Conc: 3.27 ug/ml



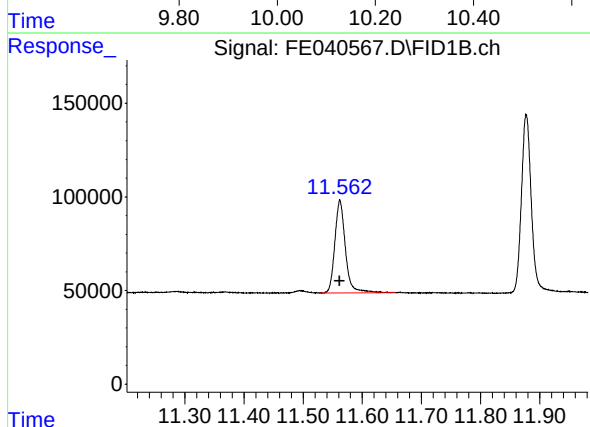
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 462619
Conc: 3.20 ug/ml



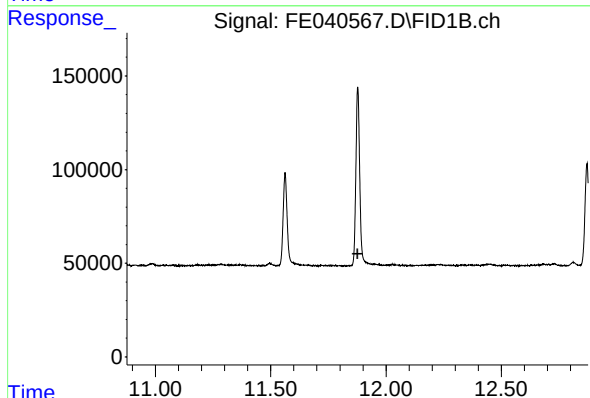
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: 0.000 min
Response: 531679
Conc: 3.54 ug/ml



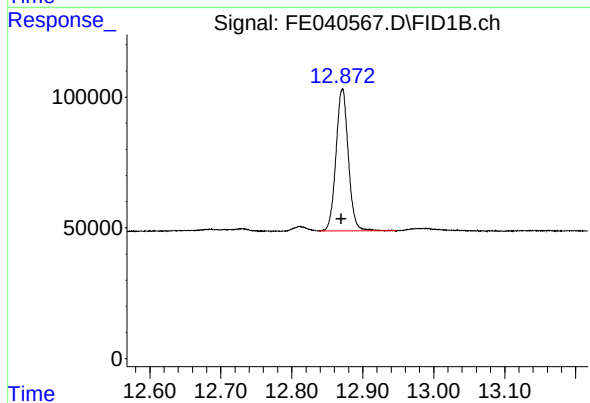
#8 n-Octadecane (C18)

R.T.: 11.562 min
Delta R.T.: 0.000 min
Response: 615592
Conc: 3.93 ug/ml



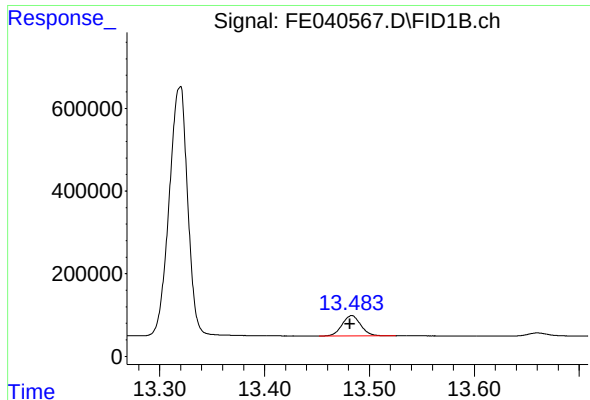
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.876 min
Response: 0
Conc: N.D.



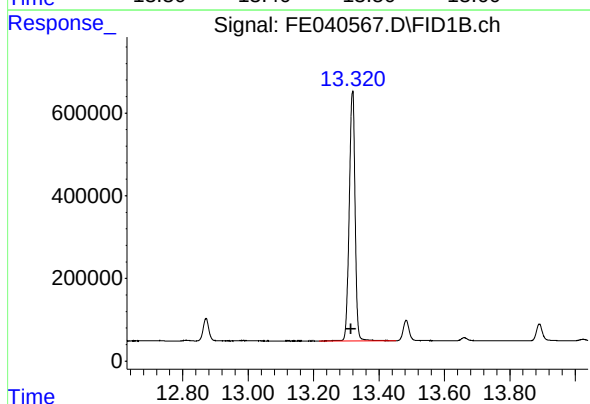
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: 0.001 min
Response: 655333
Conc: 4.23 ug/ml



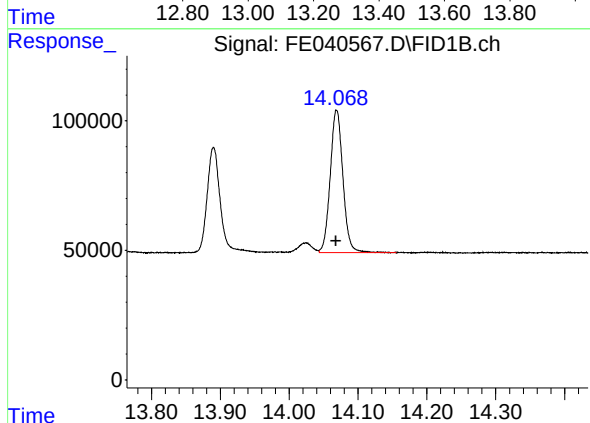
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: 0.002 min
Response: 608045
Conc: 3.88 ug/ml



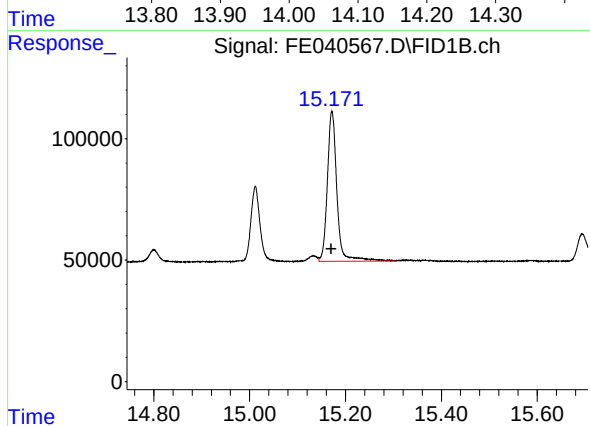
#12 1-chlorooctadecane (SURR)

R.T.: 13.319 min
Delta R.T.: 0.005 min
Response: 7479171
Conc: 57.68 ug/ml



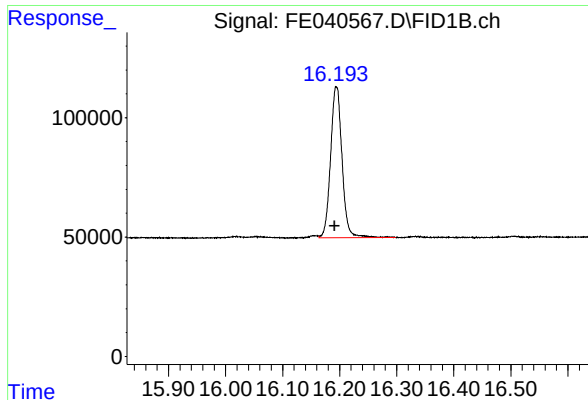
#13 n-Docosane (C22)

R.T.: 14.069 min
Delta R.T.: 0.000 min
Response: 705317
Conc: 4.53 ug/ml



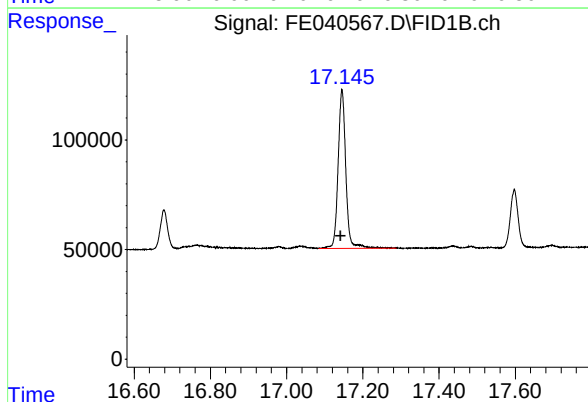
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: 0.001 min
Response: 855509
Conc: 5.54 ug/ml



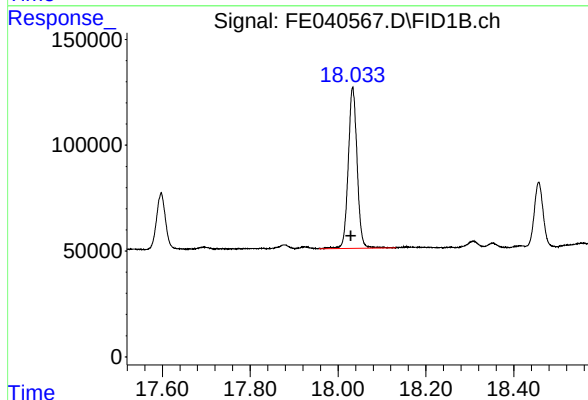
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: 0.003 min
Response: 883901
Conc: 5.87 ug/ml



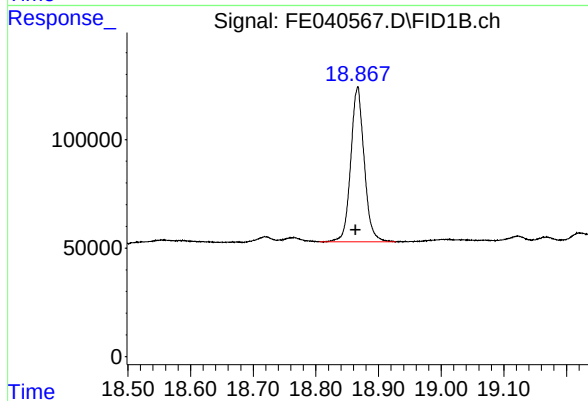
#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.004 min
Response: 1015353
Conc: 6.86 ug/ml



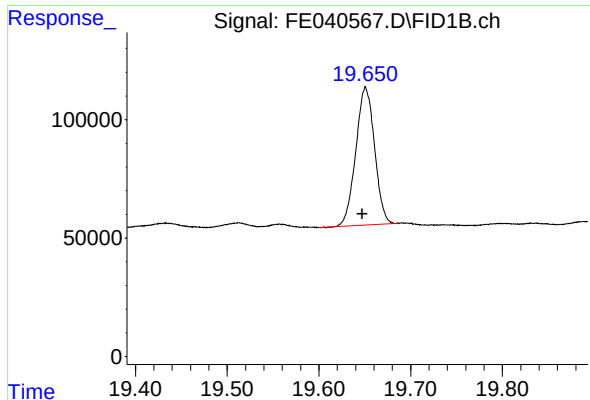
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: 0.004 min
Response: 1067590
Conc: 7.45 ug/ml



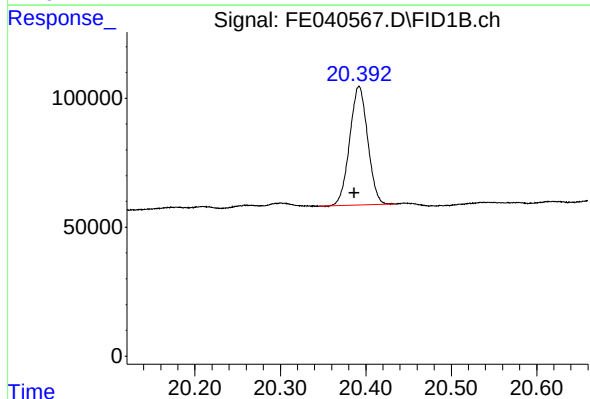
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: 0.003 min
Response: 1061094
Conc: 7.50 ug/ml



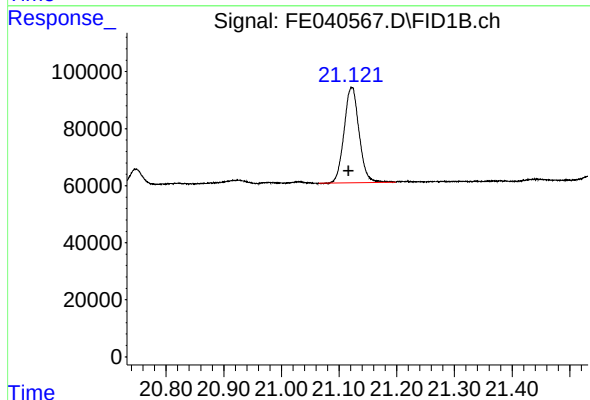
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.003 min
Response: 824231
Conc: 5.92 ug/ml



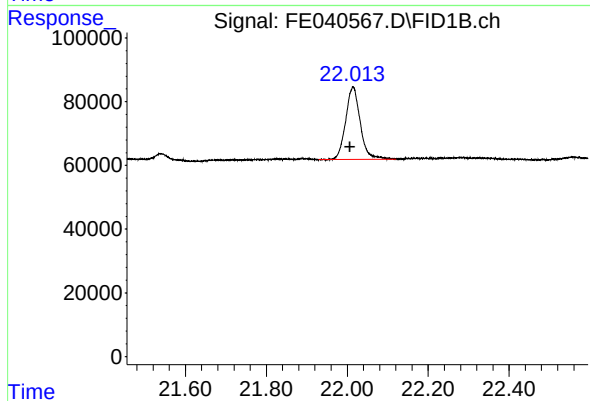
#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.005 min
Response: 674933
Conc: 4.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: 0.006 min
Response: 607053
Conc: 4.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: 0.007 min
Response: 568080
Conc: 4.14 ug/ml