

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022723AL\
 Data File : FE040570.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2023 14:01
 Operator : YP\AJ
 Sample : 01627-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 01:46:07 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...	13.320	7573835	58.408 ug/ml
Spiked Amount 50.000		Recovery =	116.82%
Target Compounds			
1) T n-Nonane (C9)	3.280	320338	2.204 ug/ml
2) T n-Decane (C10)	4.526	400627	2.843 ug/ml
4) T n-Dodecane (C12)	6.688	470989	3.298 ug/ml
6) T n-Tetradecane (C14)	8.515	465898	3.221 ug/ml
7) T n-Hexadecane (C16)	10.122	534162	3.558 ug/ml
8) T n-Octadecane (C18)	11.563	637048	4.071 ug/ml
10) T n-Eicosane (C20)	12.872	667996	4.312 ug/ml
11) T n-Heneicosane (C21)	13.484	617459	3.945 ug/ml
13) T n-Docosane (C22)	14.070	720068	4.624 ug/ml
14) T n-Tetracosane (C24)	15.173	853343	5.523 ug/ml
15) T n-Hexacosane (C26)	16.195	894053	5.935 ug/ml
16) T n-Octacosane (C28)	17.145	941419	6.365 ug/ml
17) T n-Tricontane (C30)	18.033	1047468	7.306 ug/ml
18) T n-Dotriacontane (C32)	18.866	1071718	7.577 ug/ml
19) T n-Tetratriacontane (C34)	19.651	822135	5.910 ug/ml
20) T n-Hexatriacontane (C36)	20.392	676636	4.911 ug/ml
21) T n-Octatriacontane (C38)	21.120	596800	4.453 ug/ml
22) T n-Tetracontane (C40)	22.014	680839	4.965 ug/ml

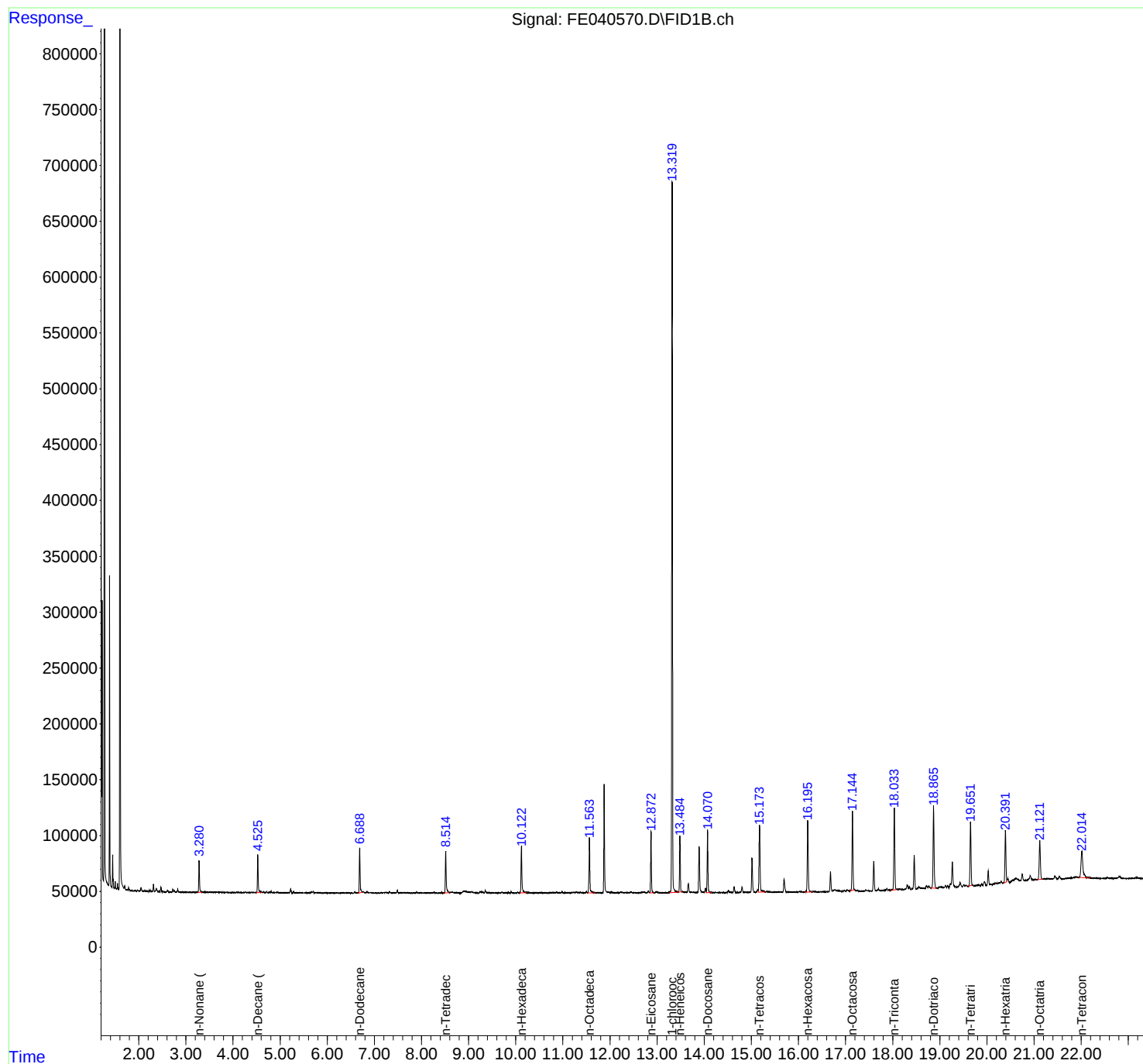
(f)=RT Delta > 1/2 Window

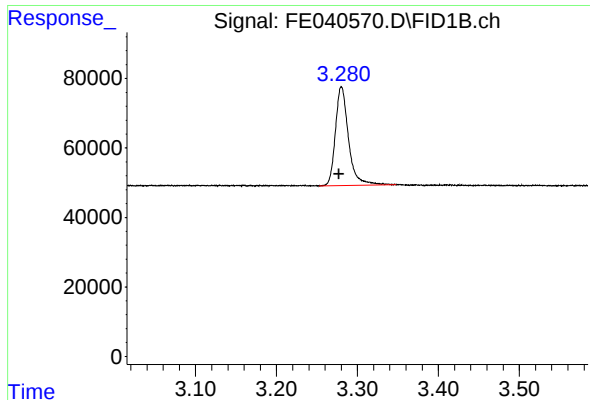
(m)=manual int.

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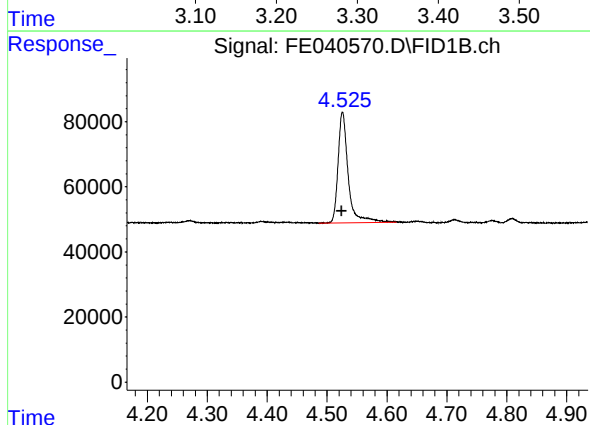
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Signal Info : 20M x 0.18mm x 0.18um





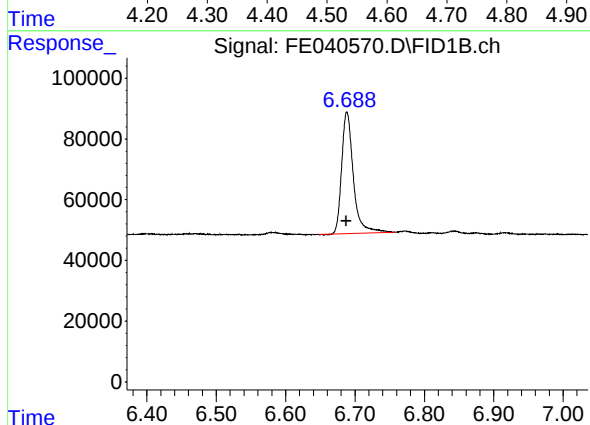
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.003 min
Response: 320338
Conc: 2.20 ug/ml



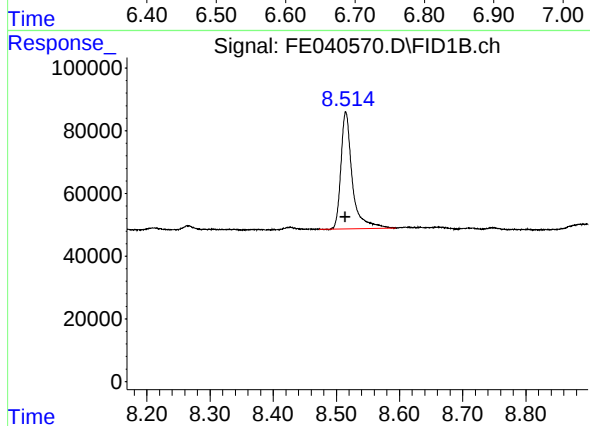
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 400627
Conc: 2.84 ug/ml



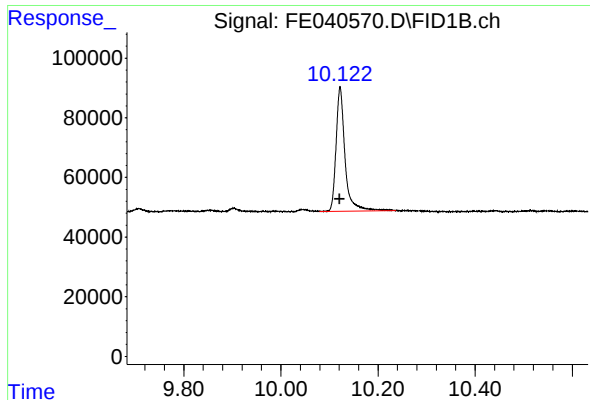
#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 470989
Conc: 3.30 ug/ml



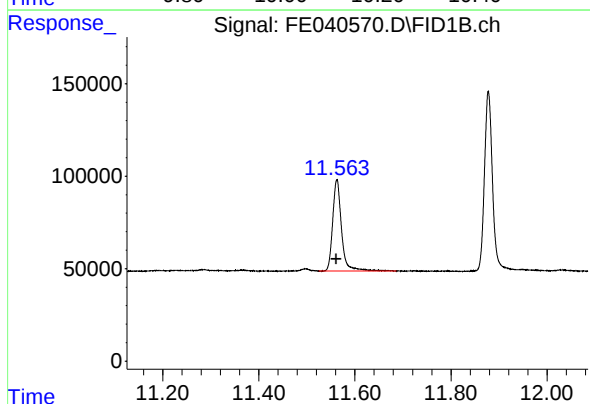
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 465898
Conc: 3.22 ug/ml



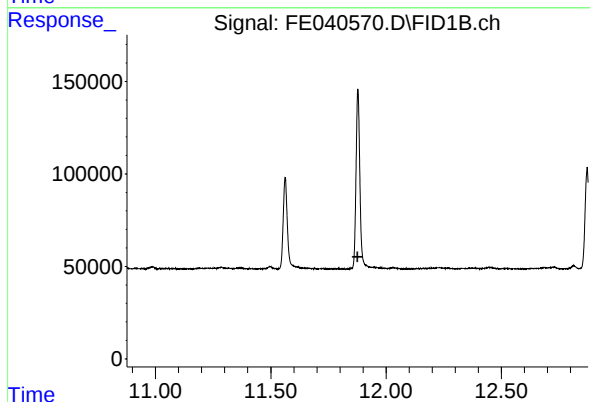
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: 0.000 min
Response: 534162
Conc: 3.56 ug/ml



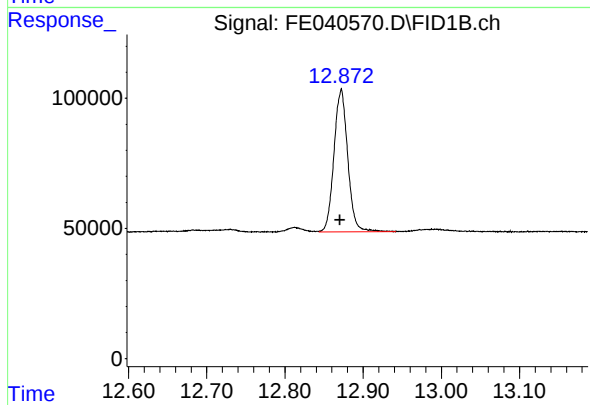
#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: 0.001 min
Response: 637048
Conc: 4.07 ug/ml



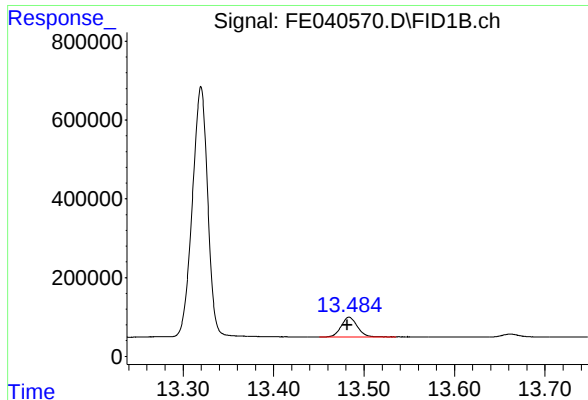
#9 ortho-Terphenyl (SURR)

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



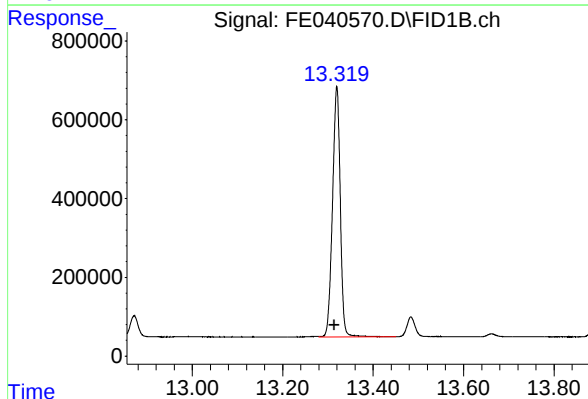
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: 0.002 min
Response: 667996
Conc: 4.31 ug/ml



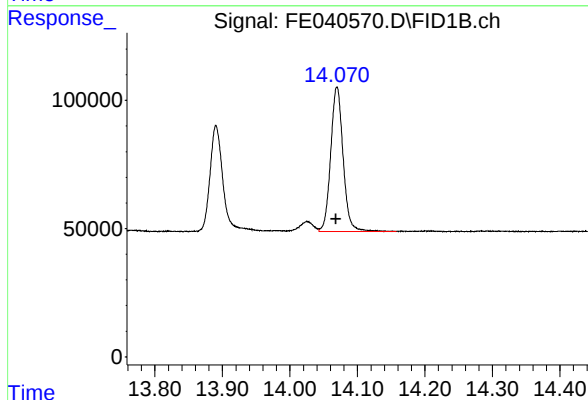
#11 n-Heneicosane (C21)

R.T.: 13.484 min
Delta R.T.: 0.002 min
Response: 617459
Conc: 3.94 ug/ml



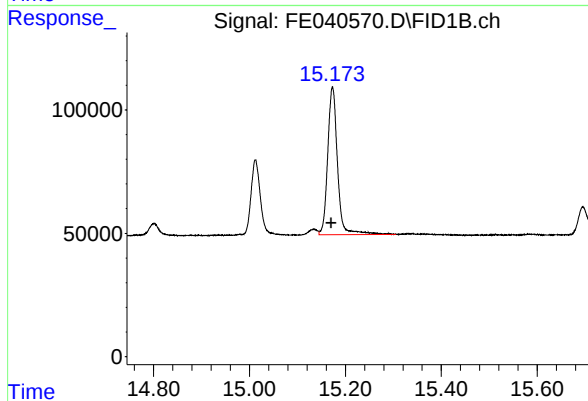
#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: 0.005 min
Response: 7573835
Conc: 58.41 ug/ml



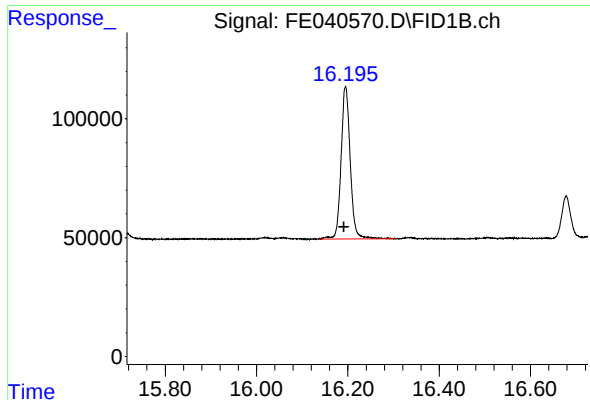
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: 0.002 min
Response: 720068
Conc: 4.62 ug/ml



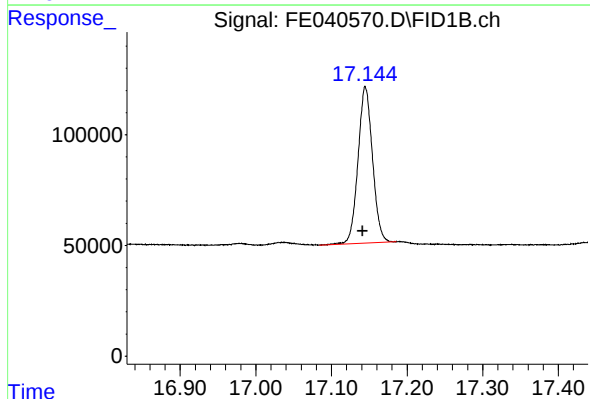
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: 0.003 min
Response: 853343
Conc: 5.52 ug/ml



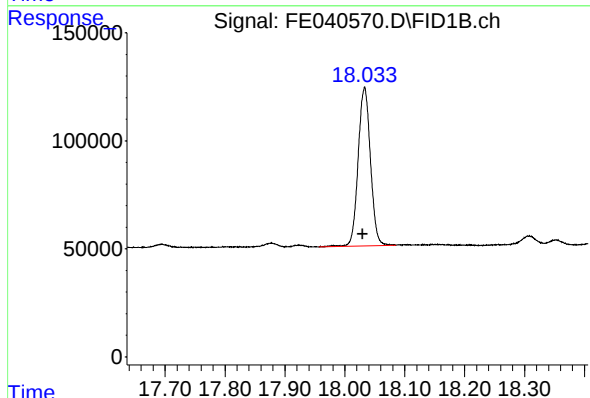
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: 0.003 min
Response: 894053
Conc: 5.93 ug/ml



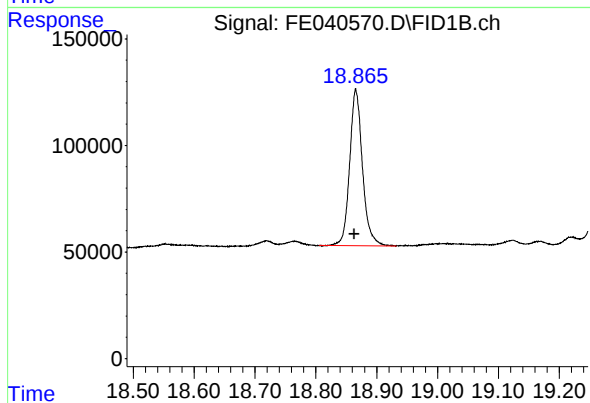
#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.004 min
Response: 941419
Conc: 6.37 ug/ml



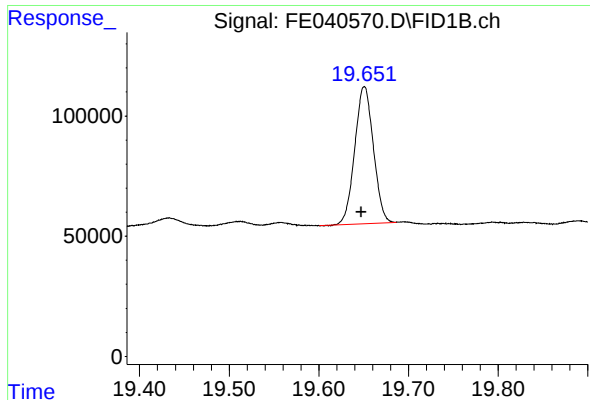
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: 0.003 min
Response: 1047468
Conc: 7.31 ug/ml



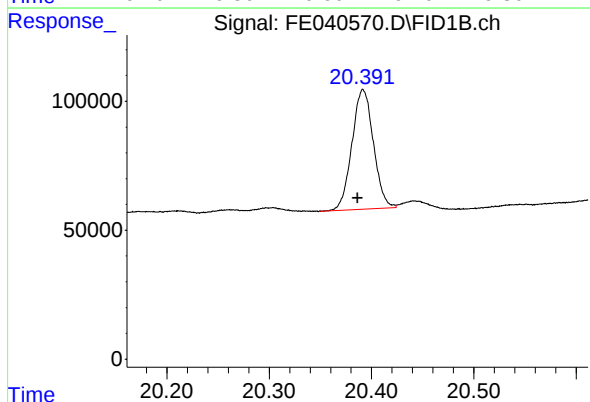
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: 0.002 min
Response: 1071718
Conc: 7.58 ug/ml



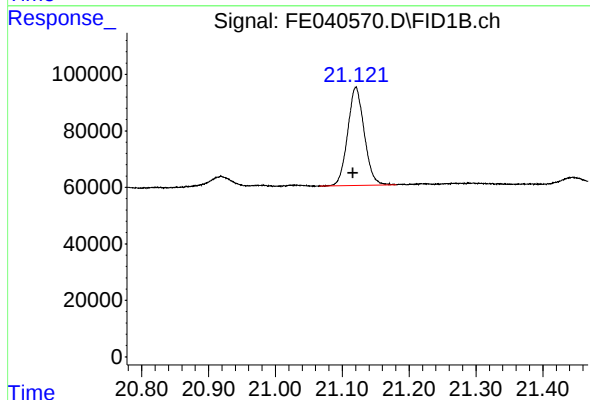
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.003 min
Response: 822135
Conc: 5.91 ug/ml



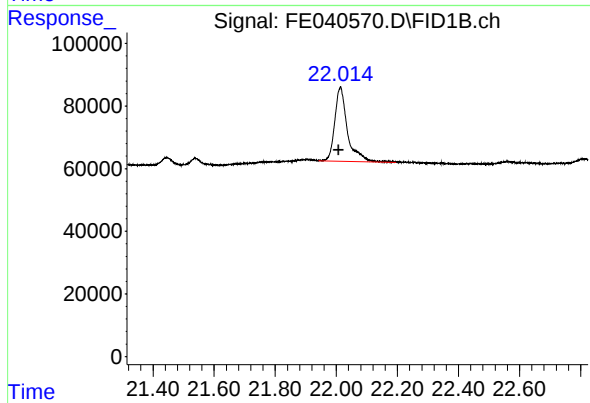
#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.005 min
Response: 676636
Conc: 4.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: 0.004 min
Response: 596800
Conc: 4.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: 0.007 min
Response: 680839
Conc: 4.97 ug/ml