

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022723AL\
 Data File : FE040566.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2023 11:58
 Operator : YP\AJ
 Sample : 01627-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 01:45:31 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	7929034	61.147 ug/ml
Spiked Amount 50.000		Recovery =	122.29%
Target Compounds			
1) T n-Nonane (C9)	3.280	239128	1.645 ug/ml
2) T n-Decane (C10)	4.526	292190	2.074 ug/ml
4) T n-Dodecane (C12)	6.689	381365	2.671 ug/ml
6) T n-Tetradecane (C14)	8.515	374575	2.589 ug/ml
7) T n-Hexadecane (C16)	10.121	392413	2.613 ug/ml
8) T n-Octadecane (C18)	11.562	460140	2.940 ug/ml
10) T n-Eicosane (C20)	12.871	485954	3.137 ug/ml
11) T n-Heneicosane (C21)	13.483	443978	2.837 ug/ml
13) T n-Docosane (C22)	14.070	502872	3.229 ug/ml
14) T n-Tetracosane (C24)	15.173	502995	3.256 ug/ml
15) T n-Hexacosane (C26)	16.194	531546	3.528 ug/ml
16) T n-Octacosane (C28)	17.145	531627	3.594 ug/ml
17) T n-Tricontane (C30)	18.033	543824	3.793 ug/ml
18) T n-Dotriacontane (C32)	18.866	548438	3.878 ug/ml
19) T n-Tetratriacontane (C34)	19.651	496404	3.568 ug/ml
20) T n-Hexatriacontane (C36)	20.392	460559	3.343 ug/mlm
21) T n-Octatriacontane (C38)	21.120	445105	3.321 ug/ml
22) T n-Tetracontane (C40)	22.014	432374	3.153 ug/ml

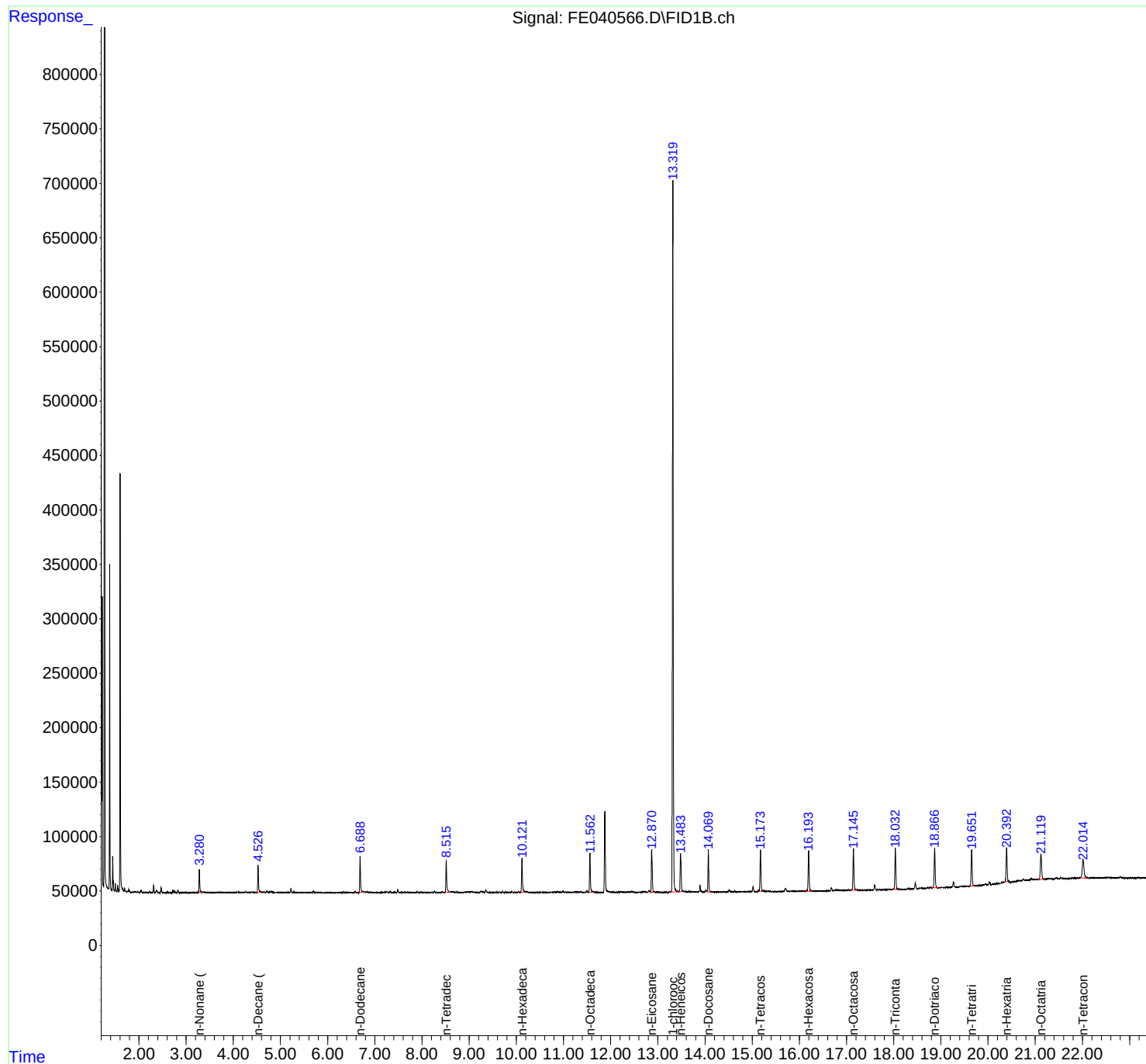
(f)=RT Delta > 1/2 Window

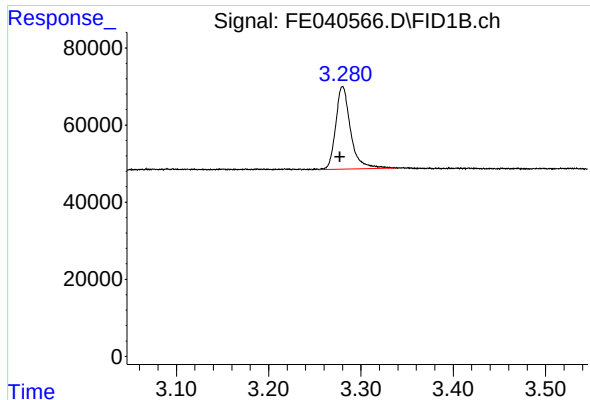
(m)=manual int.

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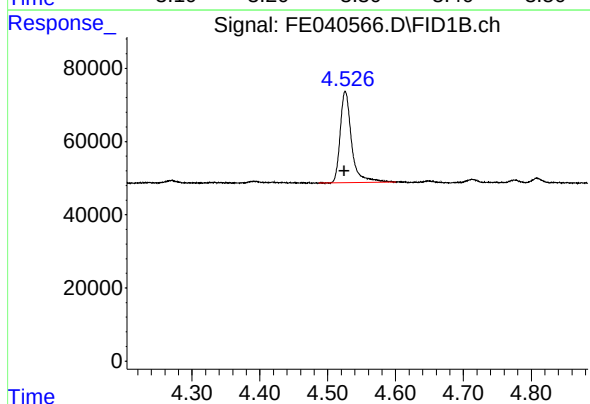
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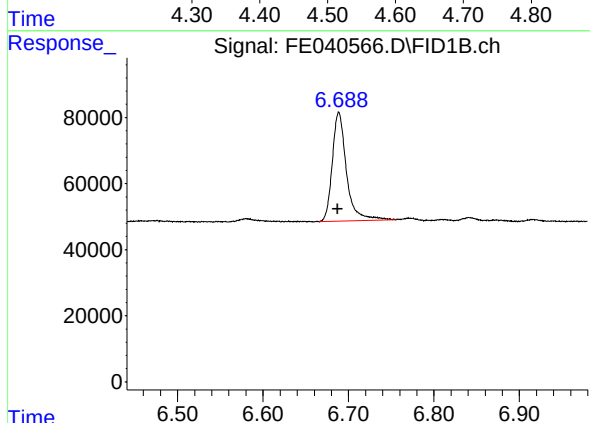
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.003 min
Response: 239128
Conc: 1.65 ug/ml



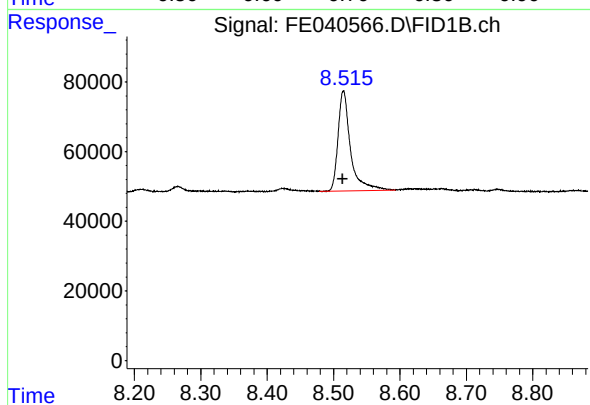
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 292190
Conc: 2.07 ug/ml



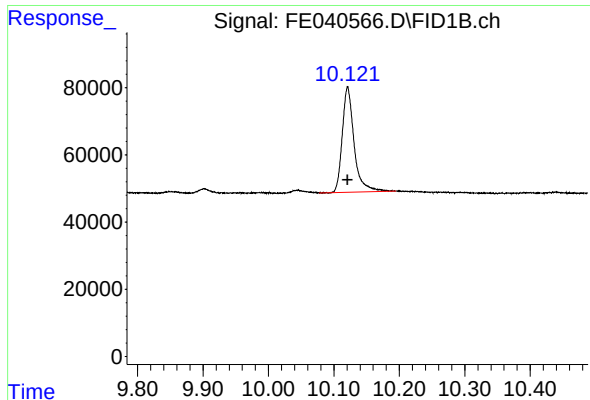
#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.001 min
Response: 381365
Conc: 2.67 ug/ml



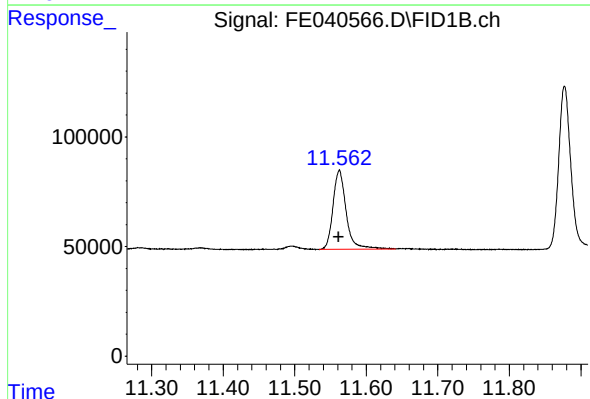
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 374575
Conc: 2.59 ug/ml



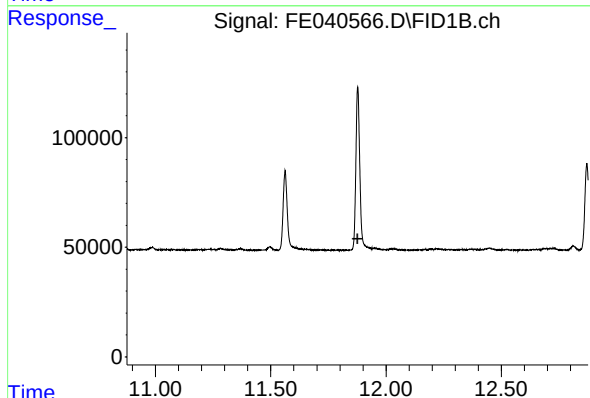
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: 0.000 min
Response: 392413
Conc: 2.61 ug/ml



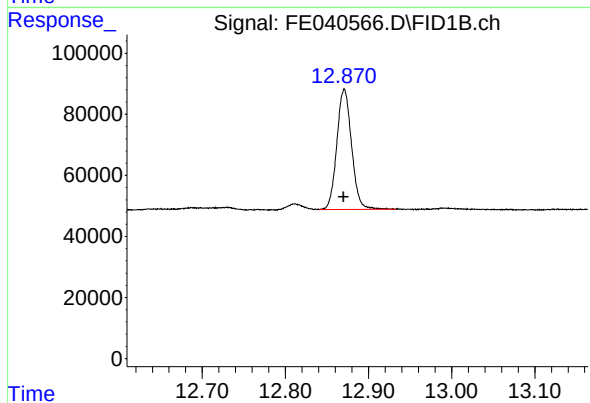
#8 n-Octadecane (C18)

R.T.: 11.562 min
Delta R.T.: 0.001 min
Response: 460140
Conc: 2.94 ug/ml



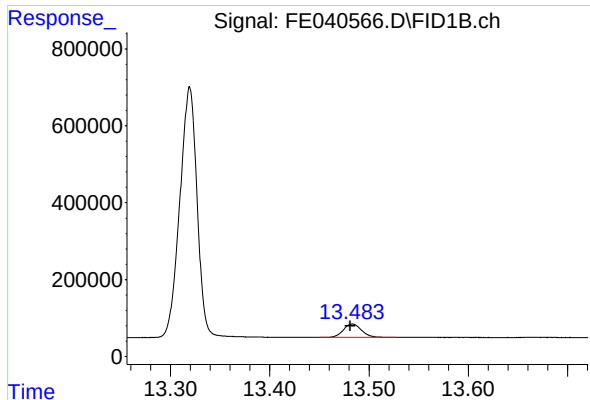
#9 ortho-Terphenyl (SURR)

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



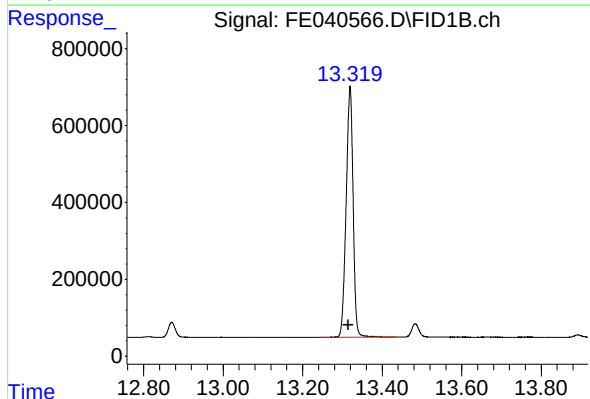
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: 0.000 min
Response: 485954
Conc: 3.14 ug/ml



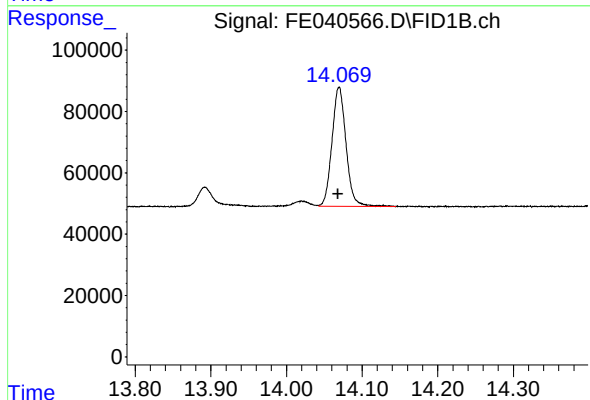
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: 0.002 min
Response: 443978
Conc: 2.84 ug/ml



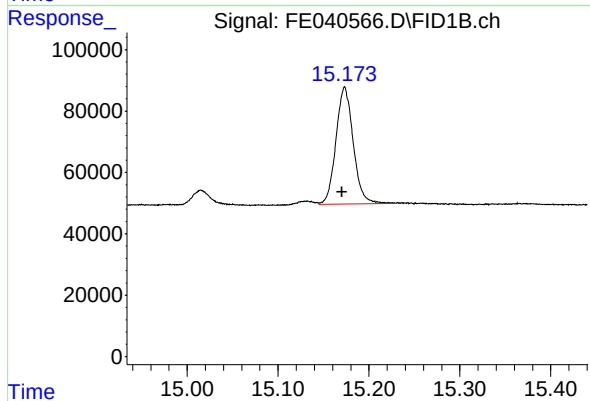
#12 1-chlorooctadecane (SURR)

R.T.: 13.319 min
Delta R.T.: 0.005 min
Response: 7929034
Conc: 61.15 ug/ml



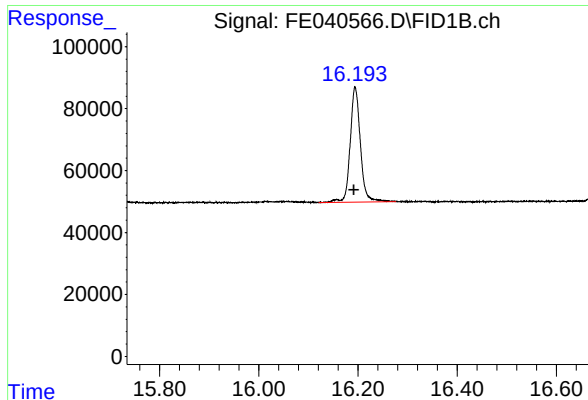
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: 0.001 min
Response: 502872
Conc: 3.23 ug/ml



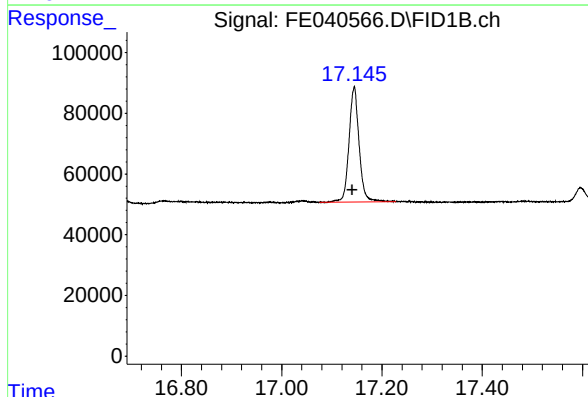
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: 0.003 min
Response: 502995
Conc: 3.26 ug/ml



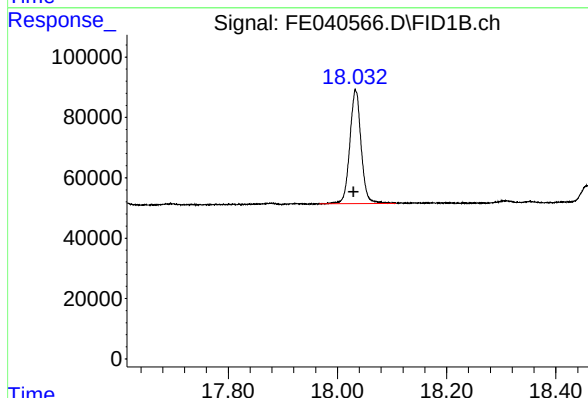
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: 0.002 min
Response: 531546
Conc: 3.53 ug/ml



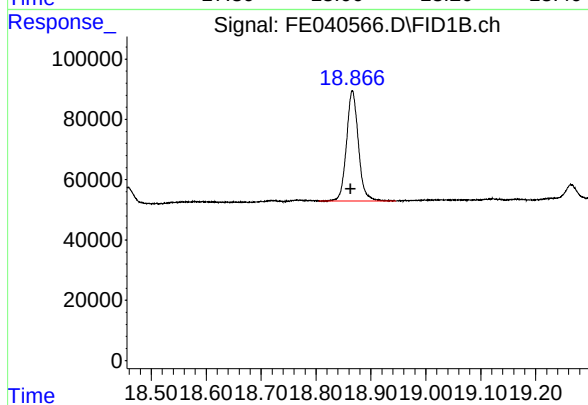
#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.004 min
Response: 531627
Conc: 3.59 ug/ml



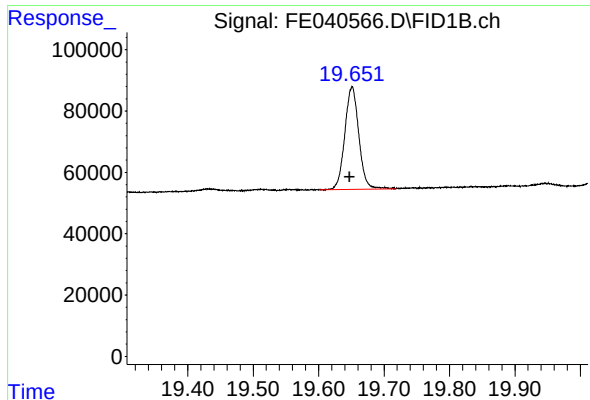
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: 0.004 min
Response: 543824
Conc: 3.79 ug/ml



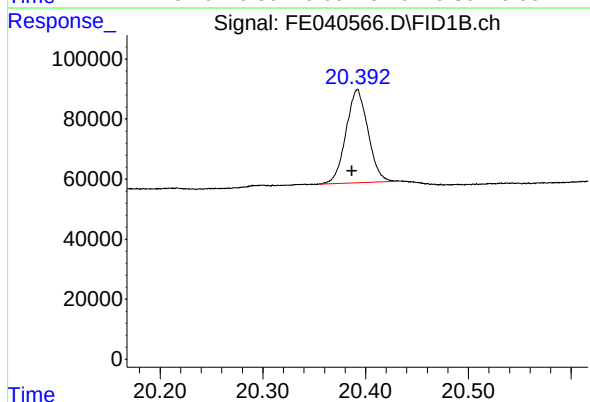
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: 0.003 min
Response: 548438
Conc: 3.88 ug/ml



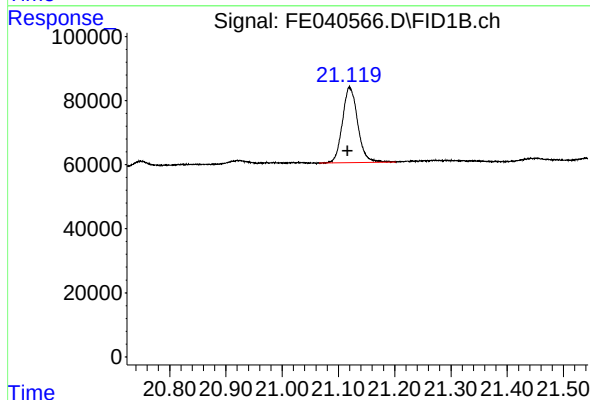
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.004 min
Response: 496404
Conc: 3.57 ug/ml



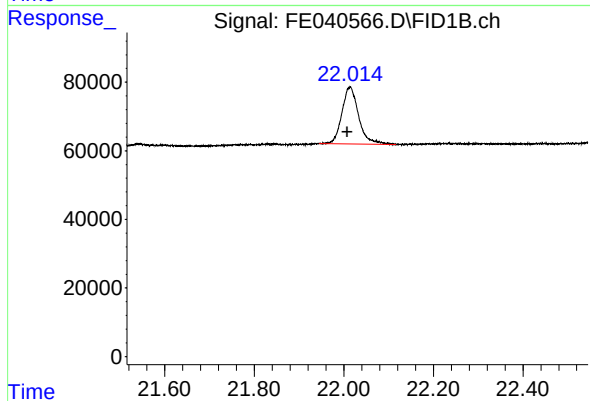
#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.006 min
Response: 460559
Conc: 3.34 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: 0.003 min
Response: 445105
Conc: 3.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: 0.007 min
Response: 432374
Conc: 3.15 ug/ml