

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030823AL\
 Data File : FE040704.D
 Signal(s) : FID1B.ch
 Acq On : 08 Mar 2023 08:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 08 14:07:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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			
9) S ortho-Terphenyl (SURR)	11.882	3691099	19.758 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
12) S 1-chlorooctadecane (S...	13.321	2882502	19.476 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
Target Compounds			
1) T n-Nonane (C9)	3.278	3174646	20.631 ug/ml
2) T n-Decane (C10)	4.525	3156743	20.982 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3478692	20.973 ug/ml
4) T n-Dodecane (C12)	6.690	3211167	20.976 ug/ml
5) T A~2-methylnaphthalene...	7.323	3251470	21.484 ug/ml
6) T n-Tetradecane (C14)	8.516	3264067	21.119 ug/ml
7) T n-Hexadecane (C16)	10.124	3378066	20.914 ug/ml
8) T n-Octadecane (C18)	11.567	3454388	20.344 ug/ml
10) T n-Eicosane (C20)	12.876	3377270	19.964 ug/ml
11) T n-Heneicosane (C21)	13.488	3364386	19.633 ug/ml
13) T n-Docosane (C22)	14.076	3382064	19.742 ug/ml
14) T n-Tetracosane (C24)	15.179	3421695	19.848 ug/ml
15) T n-Hexacosane (C26)	16.201	3374248	19.853 ug/ml
16) T n-Octacosane (C28)	17.152	3415221	20.364 ug/ml
17) T n-Tricontane (C30)	18.042	3483271	21.333 ug/ml
18) T n-Dotriacontane (C32)	18.876	3422059	19.995 ug/ml
19) T n-Tetratriacontane (C34)	19.660	3180867	20.574 ug/ml
20) T n-Hexatriacontane (C36)	20.401	2786239	19.178 ug/ml
21) T n-Octatriacontane (C38)	21.132	2856408	20.780 ug/ml
22) T n-Tetracontane (C40)	22.028	2657829	17.200 ug/ml

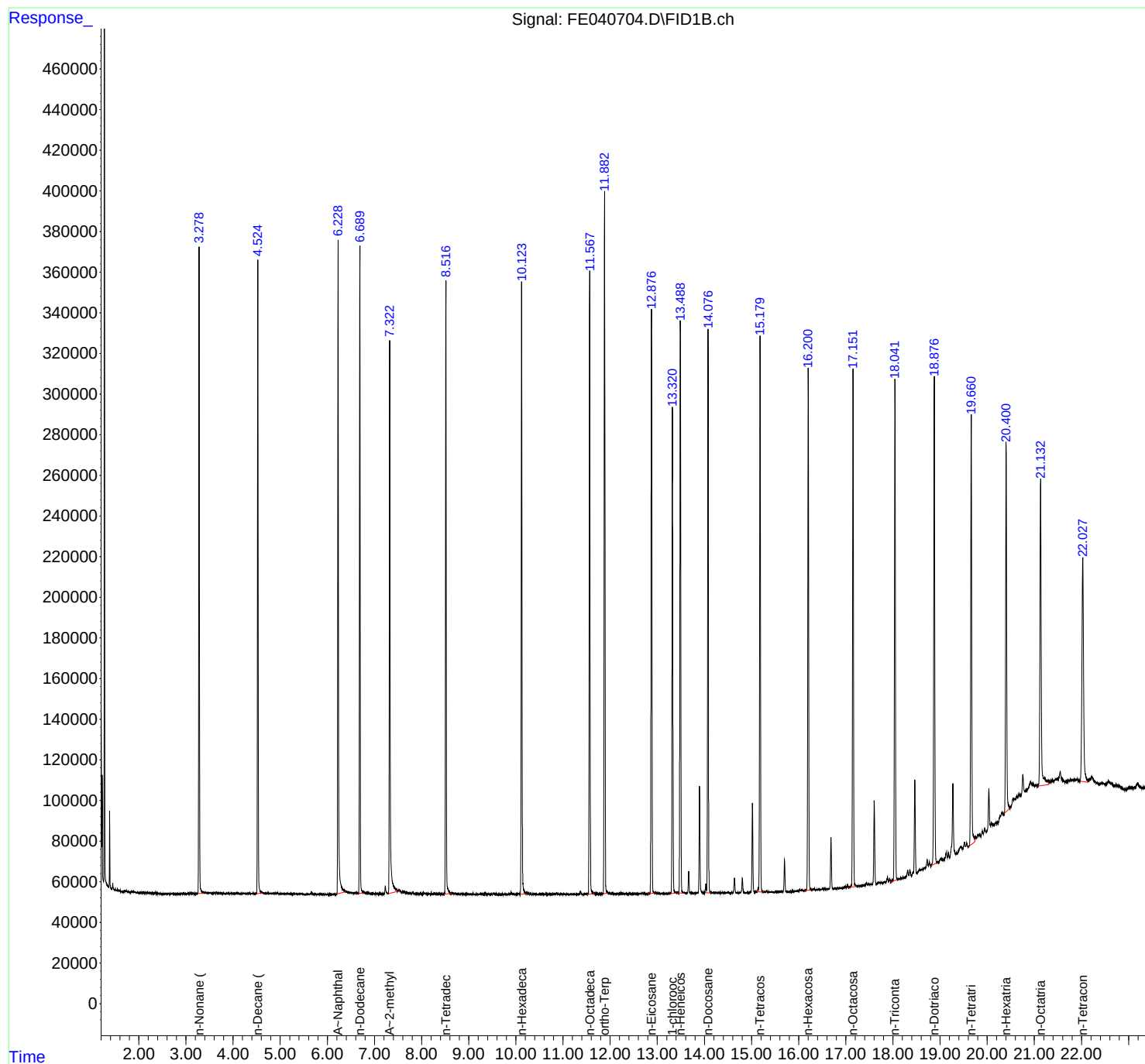
(f)=RT Delta > 1/2 Window

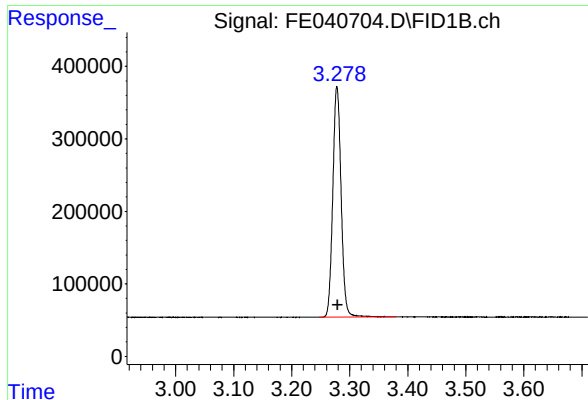
(m)=manual int.

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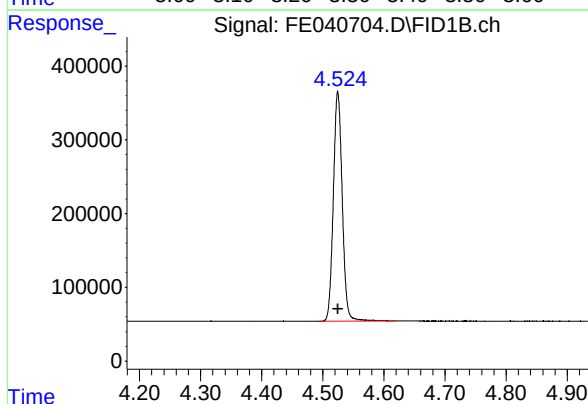
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





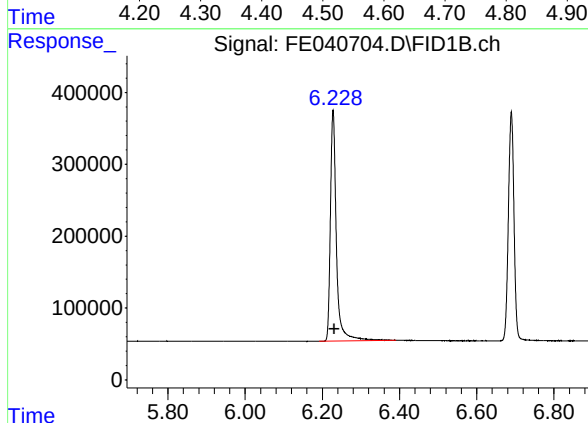
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 3174646
Conc: 20.63 ug/ml



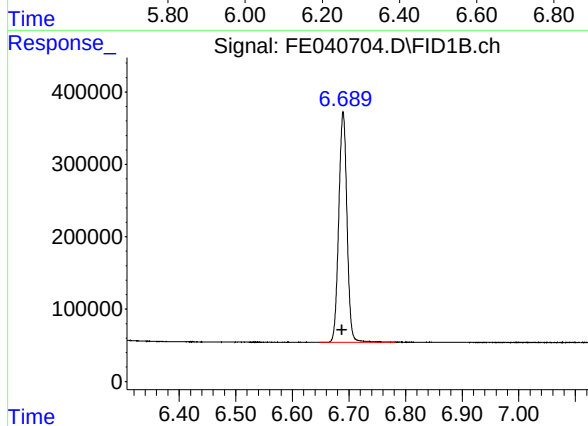
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 3156743
Conc: 20.98 ug/ml



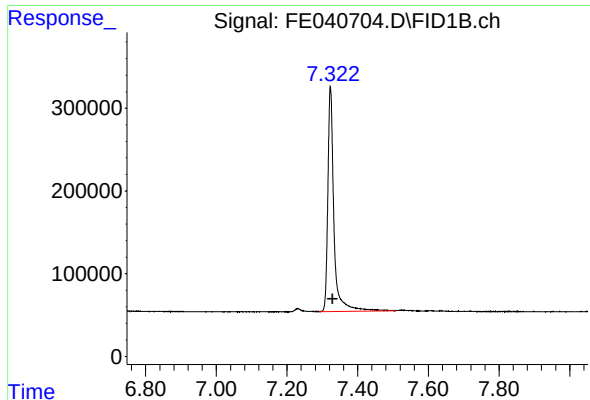
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.004 min
Response: 3478692
Conc: 20.97 ug/ml



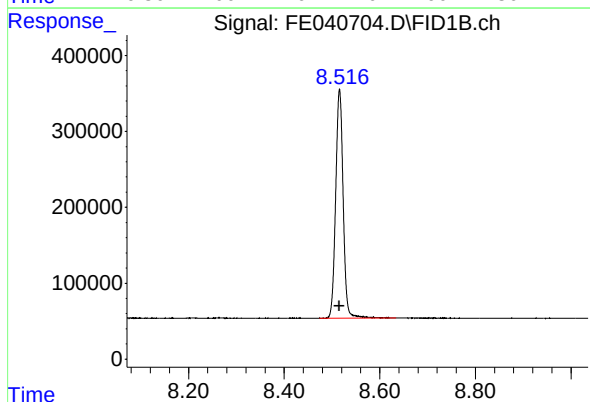
#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: 0.002 min
Response: 3211167
Conc: 20.98 ug/ml



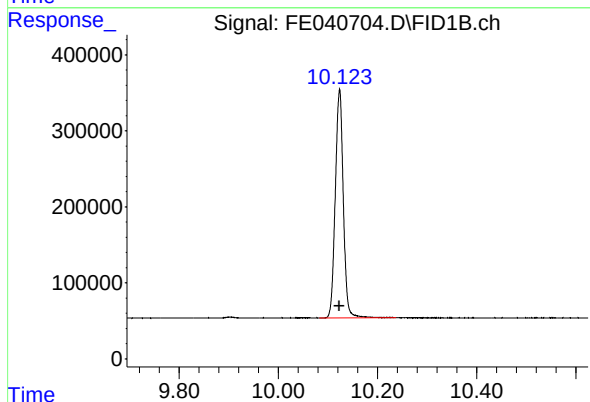
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: -0.006 min
Response: 3251470
Conc: 21.48 ug/ml



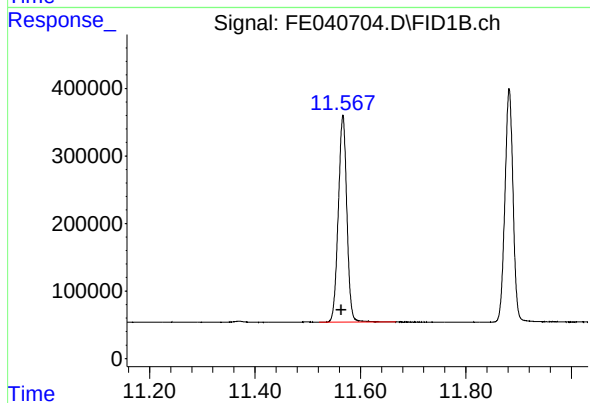
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 3264067
Conc: 21.12 ug/ml



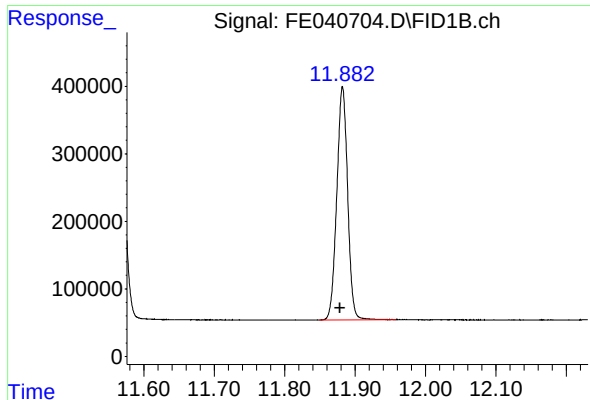
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: 0.000 min
Response: 3378066
Conc: 20.91 ug/ml



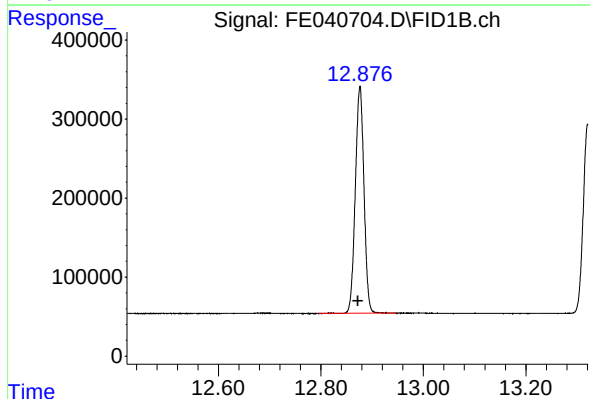
#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: 0.003 min
Response: 3454388
Conc: 20.34 ug/ml



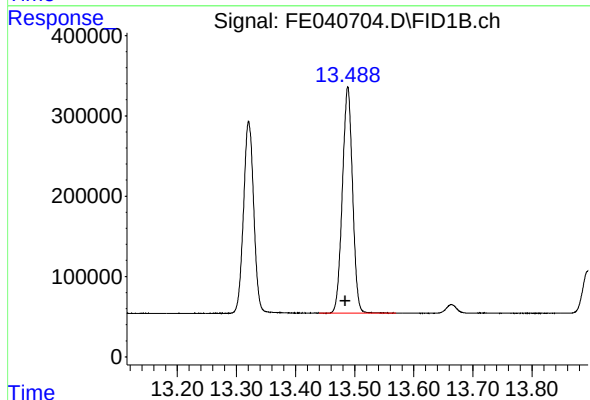
#9 ortho-Terphenyl (SURR)

R.T.: 11.882 min
Delta R.T.: 0.004 min
Response: 3691099
Conc: 19.76 ug/ml



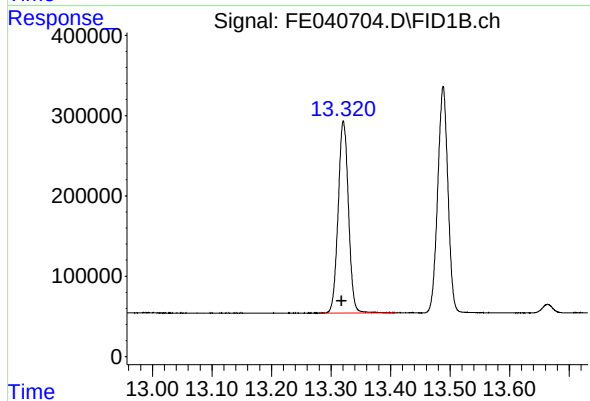
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: 0.003 min
Response: 3377270
Conc: 19.96 ug/ml



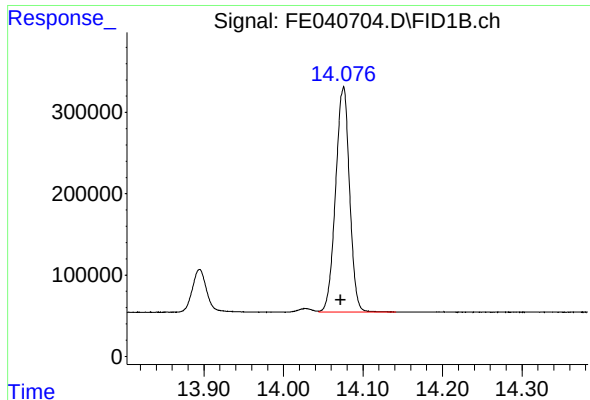
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: 0.004 min
Response: 3364386
Conc: 19.63 ug/ml



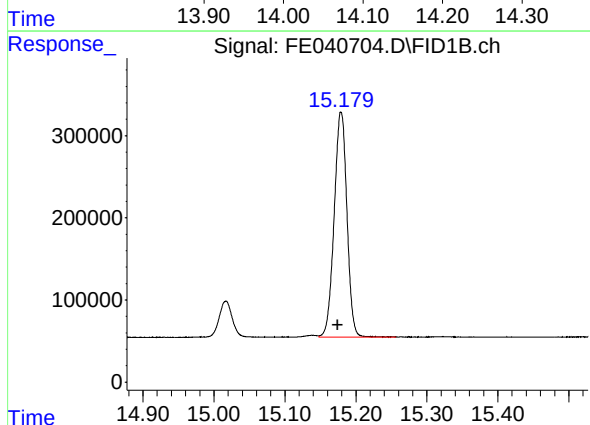
#12 1-chlorooctadecane (SURR)

R.T.: 13.321 min
Delta R.T.: 0.003 min
Response: 2882502
Conc: 19.48 ug/ml



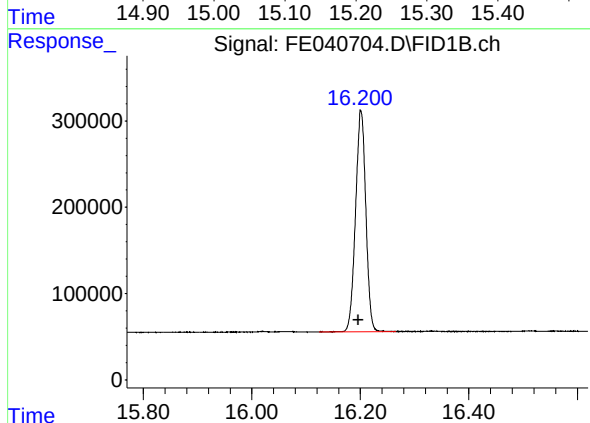
#13 n-Docosane (C22)

R.T.: 14.076 min
Delta R.T.: 0.004 min
Response: 3382064
Conc: 19.74 ug/ml



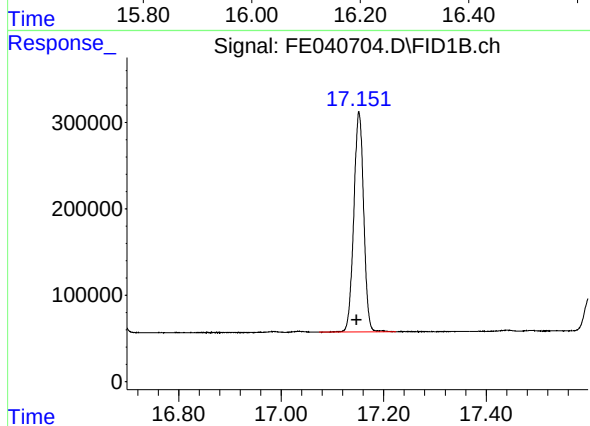
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: 0.005 min
Response: 3421695
Conc: 19.85 ug/ml



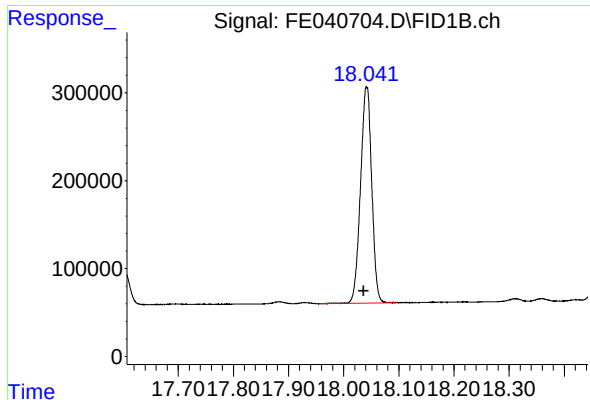
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: 0.005 min
Response: 3374248
Conc: 19.85 ug/ml



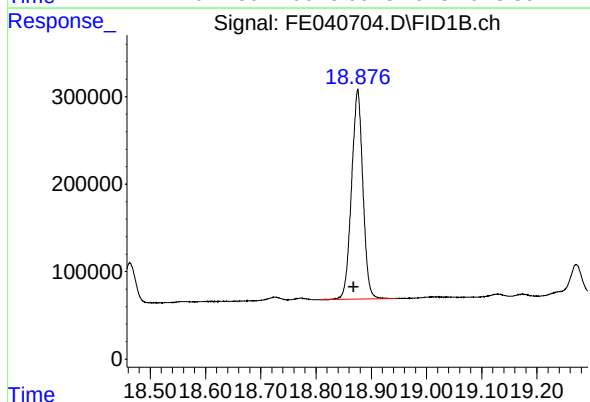
#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: 0.005 min
Response: 3415221
Conc: 20.36 ug/ml



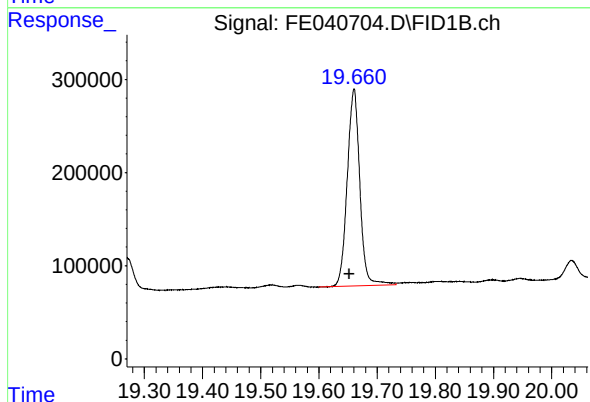
#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: 0.006 min
Response: 3483271
Conc: 21.33 ug/ml



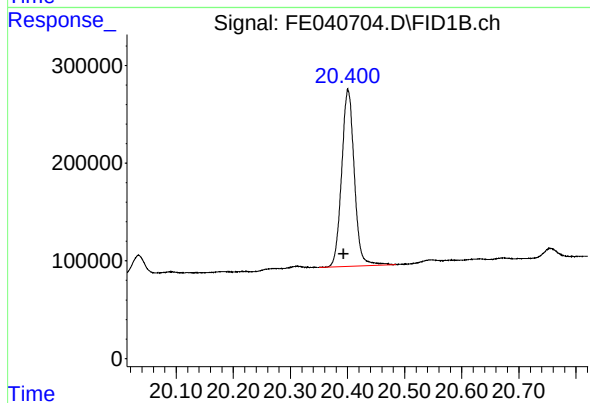
#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: 0.007 min
Response: 3422059
Conc: 19.99 ug/ml



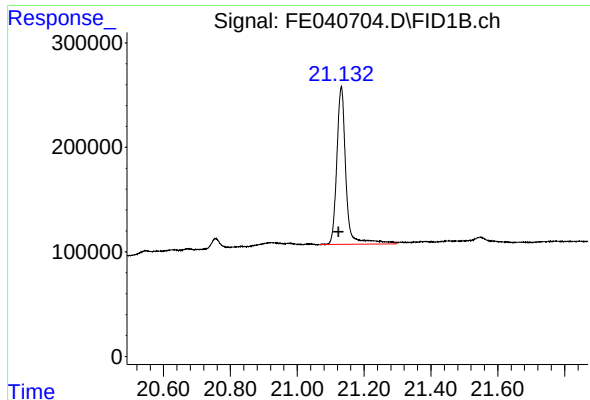
#19 n-Tetratriacontane (C34)

R.T.: 19.660 min
Delta R.T.: 0.008 min
Response: 3180867
Conc: 20.57 ug/ml



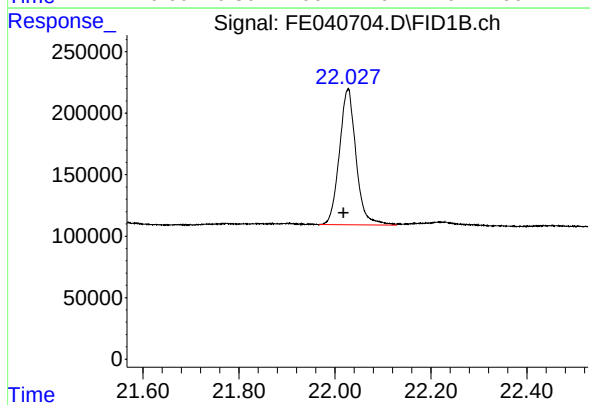
#20 n-Hexatriacontane (C36)

R.T.: 20.401 min
Delta R.T.: 0.008 min
Response: 2786239
Conc: 19.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.132 min
Delta R.T.: 0.008 min
Response: 2856408
Conc: 20.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.028 min
Delta R.T.: 0.009 min
Response: 2657829
Conc: 17.20 ug/ml