

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013123AL\
 Data File : FE040132.D
 Signal(s) : FID1B.ch
 Acq On : 01 Feb 2023 01:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 01 05:44:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.900	3092736	20.139 ug/ml
Spiked Amount 50.000		Recovery =	40.28%
12) S 1-chlorooctadecane (S...	13.338	2372402	20.329 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
Target Compounds			
1) T n-Nonane (C9)	3.294	2546654	20.063 ug/ml
2) T n-Decane (C10)	4.543	2542377	20.472 ug/ml
3) T A~Naphthalene (C11.7)	6.246	2820141	19.997 ug/ml
4) T n-Dodecane (C12)	6.707	2577291	20.499 ug/ml
5) T A~2-methylnaphthalene...	7.340	2627318	20.059 ug/ml
6) T n-Tetradecane (C14)	8.534	2635483	20.491 ug/ml
7) T n-Hexadecane (C16)	10.141	2755805	20.428 ug/ml
8) T n-Octadecane (C18)	11.584	2858118	20.397 ug/ml
10) T n-Eicosane (C20)	12.893	2809292	20.276 ug/ml
11) T n-Heneicosane (C21)	13.505	2817226	20.189 ug/ml
13) T n-Docosane (C22)	14.091	2820192	20.318 ug/ml
14) T n-Tetracosane (C24)	15.195	2860389	20.776 ug/ml
15) T n-Hexacosane (C26)	16.217	2788668	20.894 ug/ml
16) T n-Octacosane (C28)	17.167	2807935	21.570 ug/ml
17) T n-Tricontane (C30)	18.055	2853350	22.375 ug/ml
18) T n-Dotriacontane (C32)	18.889	2865291	22.665 ug/ml
19) T n-Tetratriacontane (C34)	19.673	2671805	21.622 ug/ml
20) T n-Hexatriacontane (C36)	20.414	2468776	20.940 ug/ml
21) T n-Octatriacontane (C38)	21.146	2417991	20.231 ug/ml
22) T n-Tetracontane (C40)	22.045	2402166	19.792 ug/ml

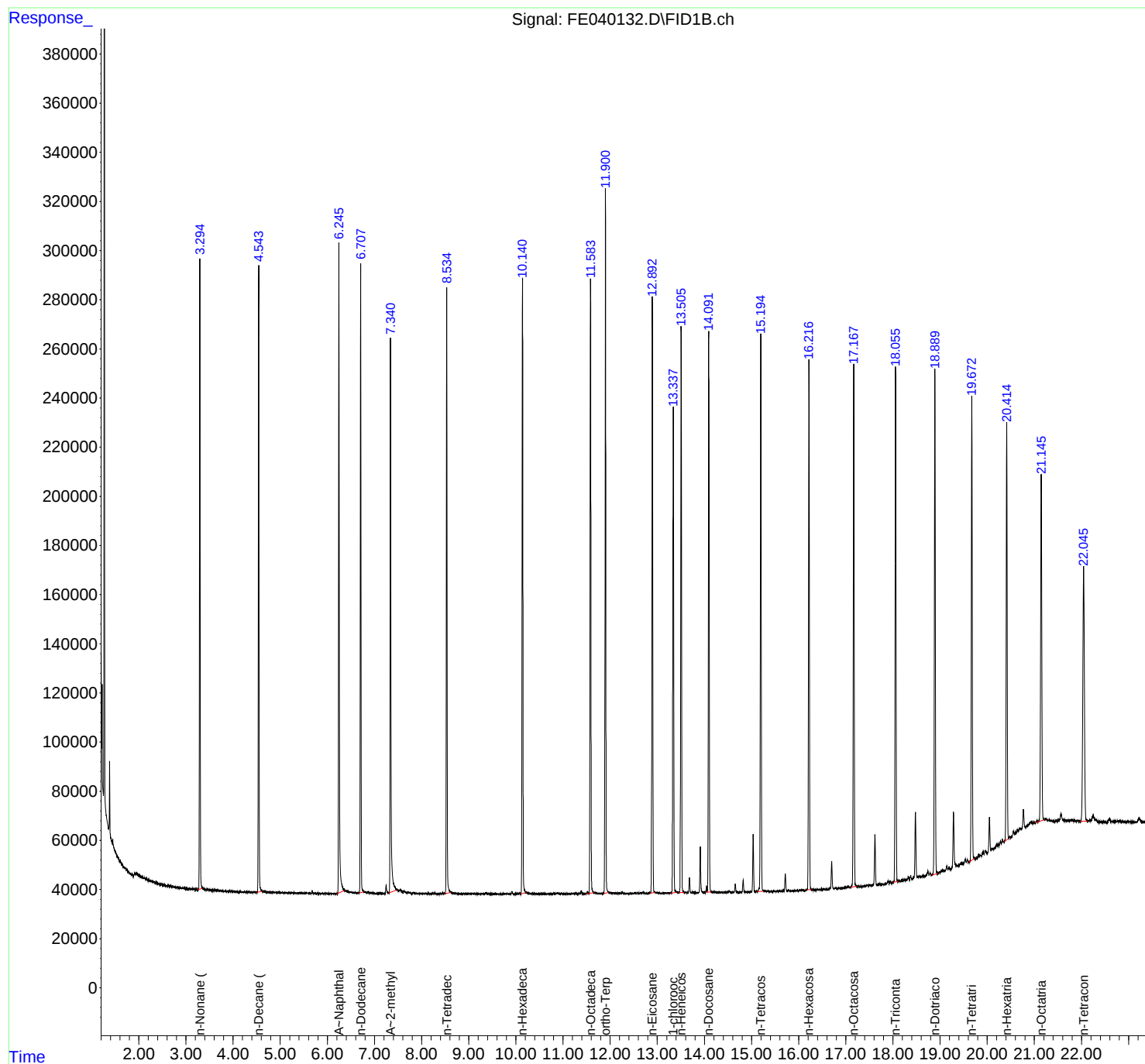
(f)=RT Delta > 1/2 Window

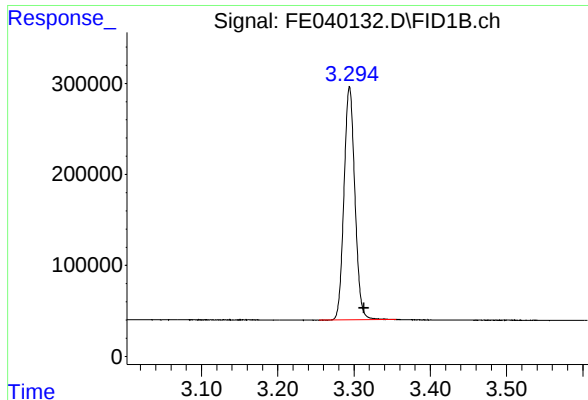
(m)=manual int.

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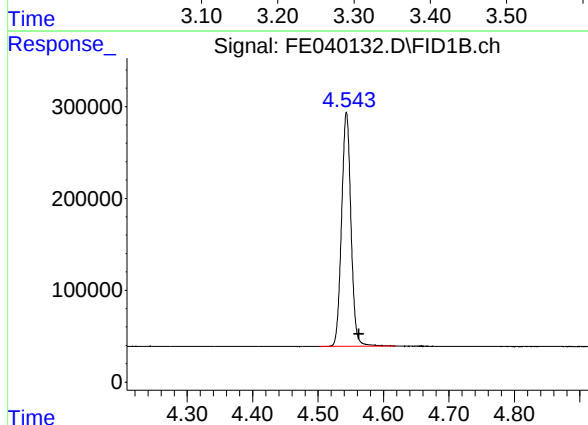
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





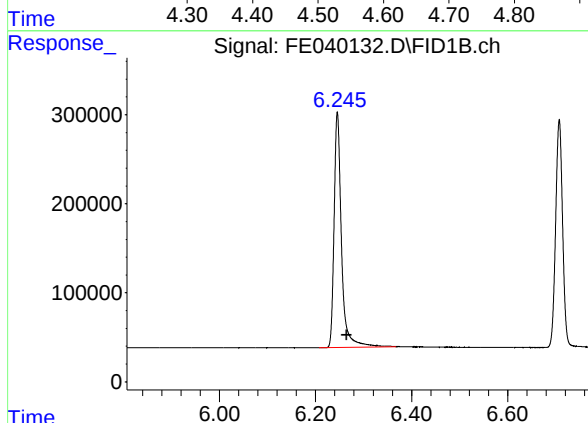
#1 n-Nonane (C9)

R.T.: 3.294 min
Delta R.T.: -0.019 min
Response: 2546654
Conc: 20.06 ug/ml



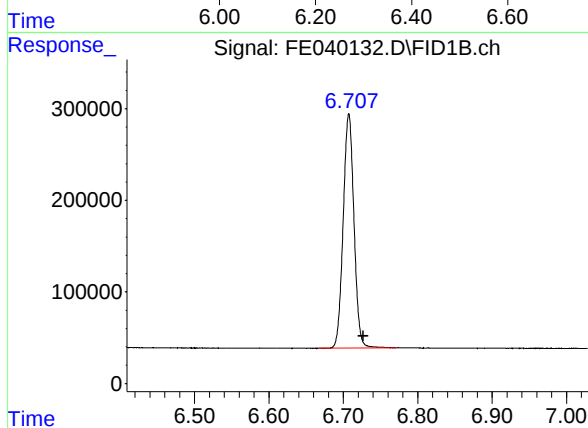
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.019 min
Response: 2542377
Conc: 20.47 ug/ml



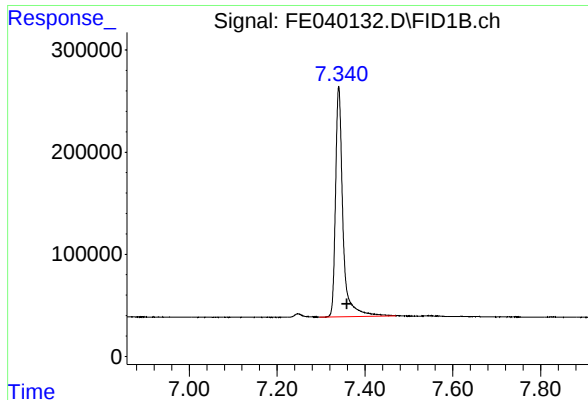
#3 A~Naphthalene (C11.7)

R.T.: 6.246 min
Delta R.T.: -0.019 min
Response: 2820141
Conc: 20.00 ug/ml



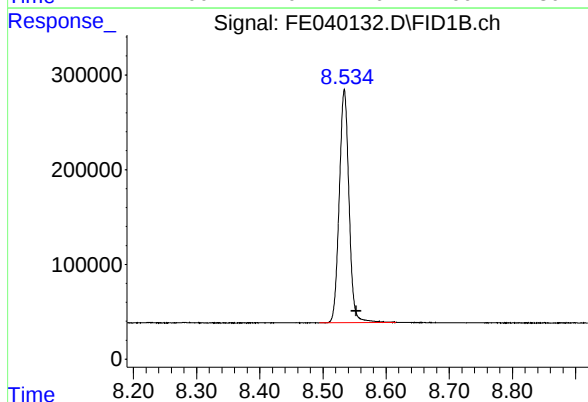
#4 n-Dodecane (C12)

R.T.: 6.707 min
Delta R.T.: -0.019 min
Response: 2577291
Conc: 20.50 ug/ml



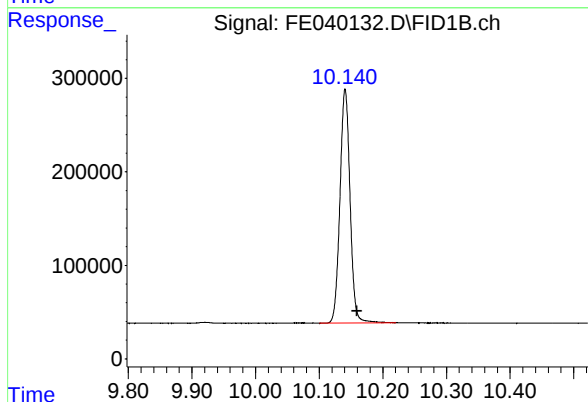
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.340 min
Delta R.T.: -0.019 min
Response: 2627318
Conc: 20.06 ug/ml



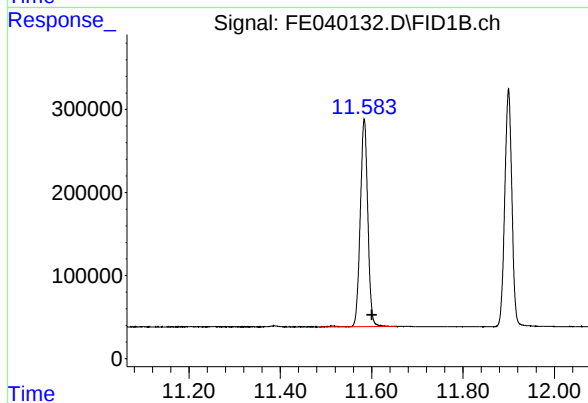
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: -0.019 min
Response: 2635483
Conc: 20.49 ug/ml



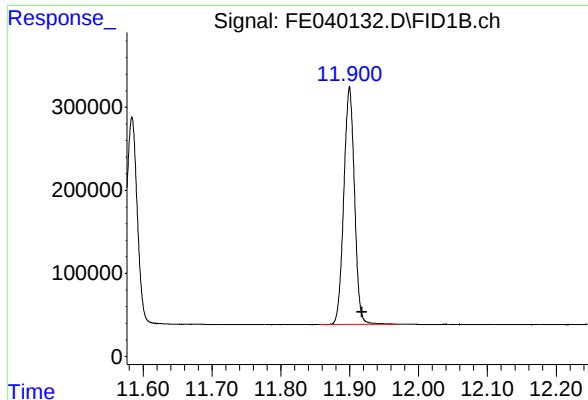
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: -0.018 min
Response: 2755805
Conc: 20.43 ug/ml



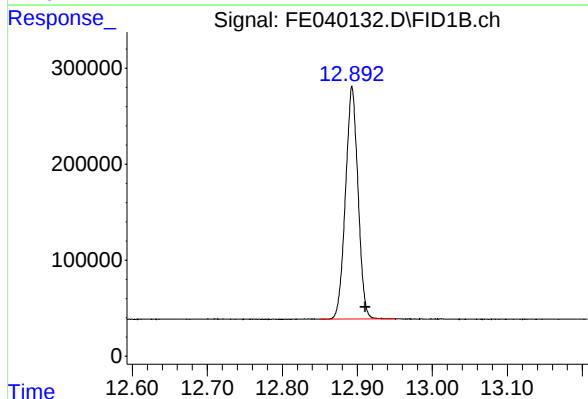
#8 n-Octadecane (C18)

R.T.: 11.584 min
Delta R.T.: -0.017 min
Response: 2858118
Conc: 20.40 ug/ml



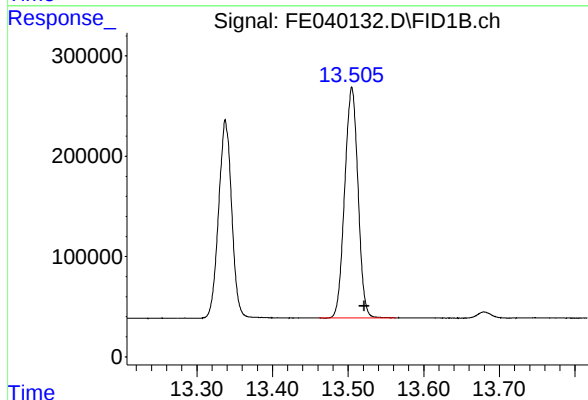
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: -0.018 min
Response: 3092736
Conc: 20.14 ug/ml



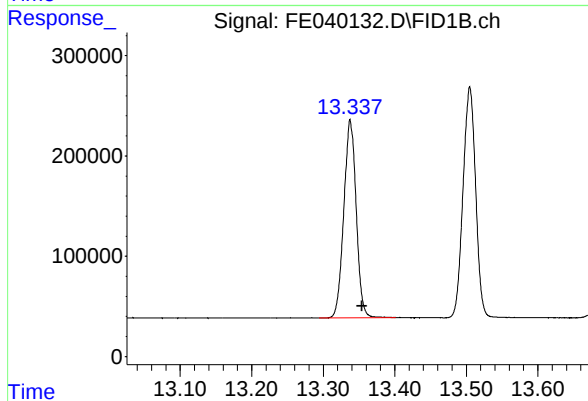
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.018 min
Response: 2809292
Conc: 20.28 ug/ml



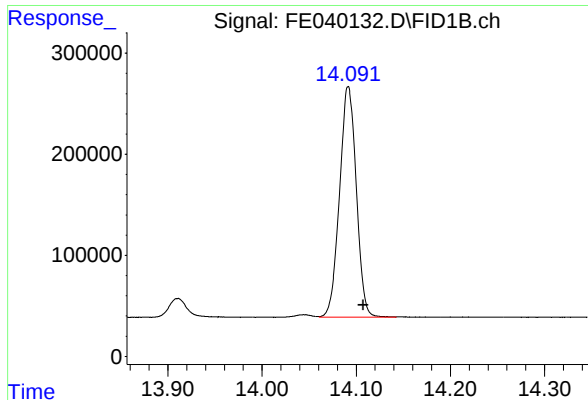
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.016 min
Response: 2817226
Conc: 20.19 ug/ml



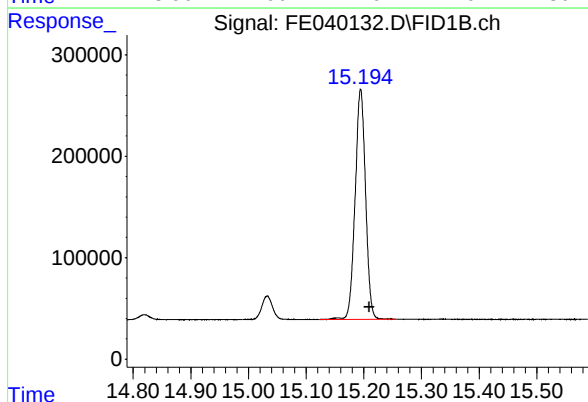
#12 1-chlorooctadecane (SURR)

R.T.: 13.338 min
Delta R.T.: -0.016 min
Response: 2372402
Conc: 20.33 ug/ml



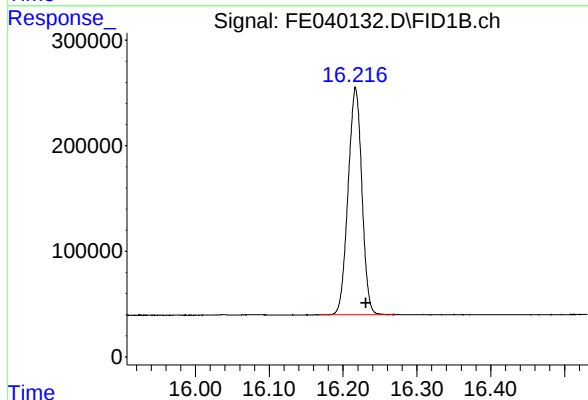
#13 n-Docosane (C22)

R.T.: 14.091 min
Delta R.T.: -0.016 min
Response: 2820192
Conc: 20.32 ug/ml



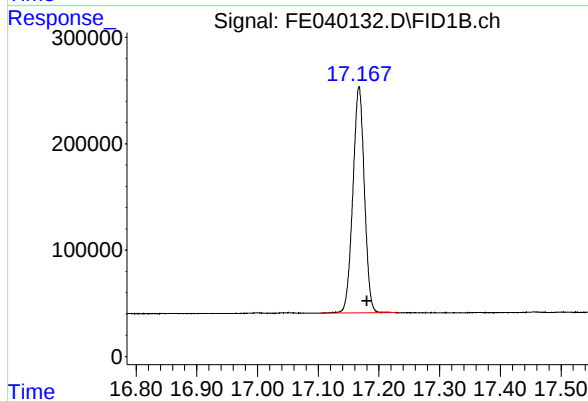
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.015 min
Response: 2860389
Conc: 20.78 ug/ml



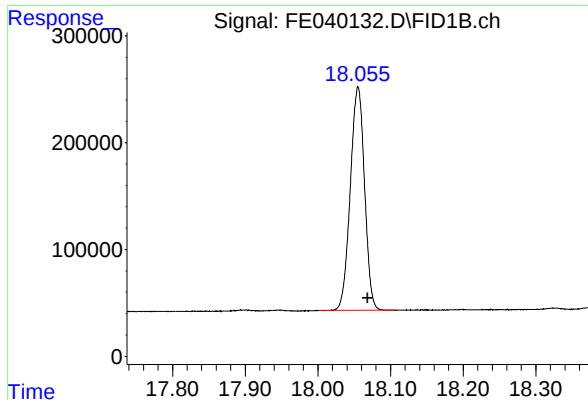
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: -0.014 min
Response: 2788668
Conc: 20.89 ug/ml



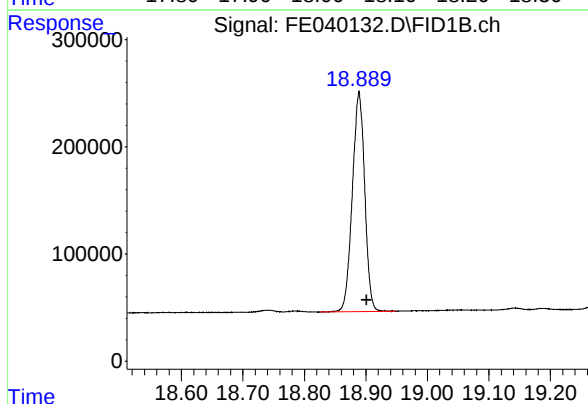
#16 n-Octacosane (C28)

R.T.: 17.167 min
Delta R.T.: -0.013 min
Response: 2807935
Conc: 21.57 ug/ml



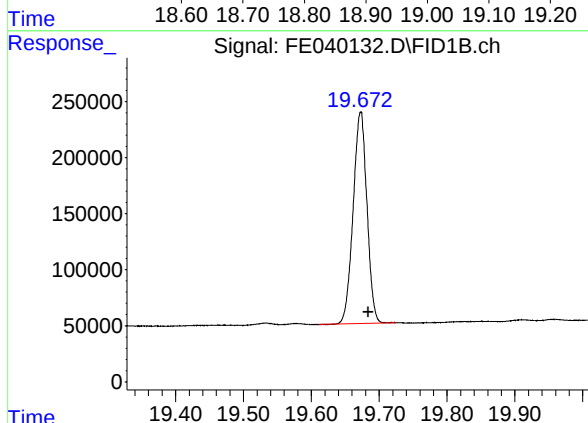
#17 n-Tricontane (C30)

R.T.: 18.055 min
Delta R.T.: -0.013 min
Response: 2853350
Conc: 22.37 ug/ml



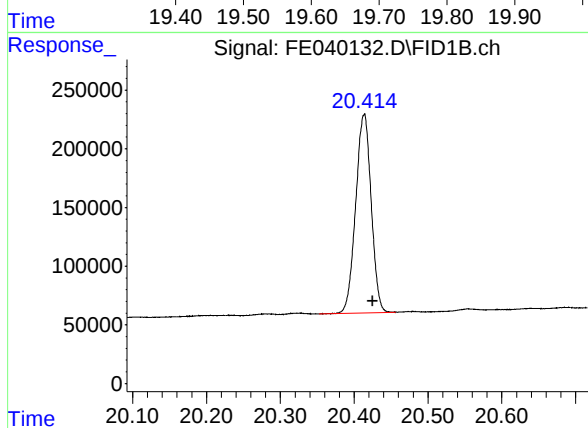
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.013 min
Response: 2865291
Conc: 22.66 ug/ml



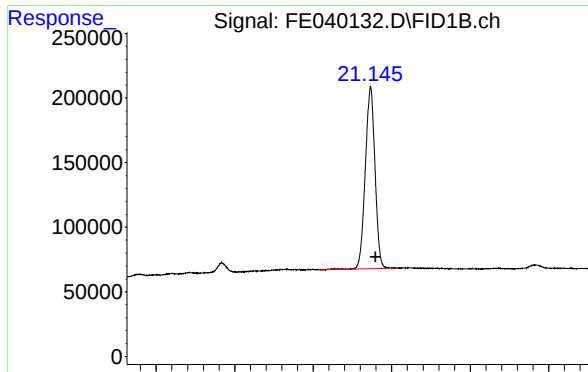
#19 n-Tetatriacontane (C34)

R.T.: 19.673 min
Delta R.T.: -0.011 min
Response: 2671805
Conc: 21.62 ug/ml



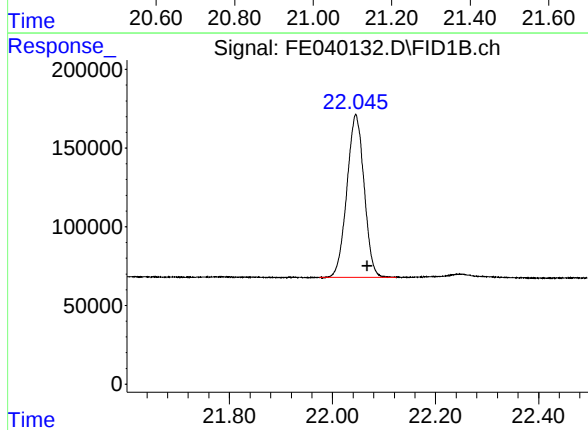
#20 n-Hexatriacontane (C36)

R.T.: 20.414 min
Delta R.T.: -0.011 min
Response: 2468776
Conc: 20.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.146 min
Delta R.T.: -0.013 min
Response: 2417991
Conc: 20.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.045 min
Delta R.T.: -0.023 min
Response: 2402166
Conc: 19.79 ug/ml