

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031523AL\
 Data File : FE040824.D
 Signal(s) : FID1B.ch
 Acq On : 15 Mar 2023 20:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 16 03:14:03 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)	11.875	3242770	17.358 ug/ml
Spiked Amount 50.000		Recovery =	34.72%
12) S 1-chlorooctadecane (S...	13.313	2515638	16.997 ug/ml
Spiked Amount 50.000		Recovery =	33.99%
Target Compounds			
1) T n-Nonane (C9)	3.270	2782532	18.083 ug/ml
2) T n-Decane (C10)	4.518	2780272	18.480 ug/ml
3) T A~Naphthalene (C11.7)	6.222	3058753	18.441 ug/ml
4) T n-Dodecane (C12)	6.683	2836792	18.530 ug/ml
5) T A~2-methylnaphthalene...	7.317	2820256	18.635 ug/ml
6) T n-Tetradecane (C14)	8.510	2890485	18.702 ug/ml
7) T n-Hexadecane (C16)	10.117	3005736	18.609 ug/ml
8) T n-Octadecane (C18)	11.560	3065789	18.056 ug/ml
10) T n-Eicosane (C20)	12.869	2983999	17.639 ug/ml
11) T n-Heneicosane (C21)	13.482	2948336	17.206 ug/ml
13) T n-Docosane (C22)	14.068	2971940	17.348 ug/ml
14) T n-Tetracosane (C24)	15.172	3025373	17.549 ug/ml
15) T n-Hexacosane (C26)	16.194	3014293	17.735 ug/ml
16) T n-Octacosane (C28)	17.146	3151250	18.790 ug/ml
17) T n-Tricontane (C30)	18.036	3427067	20.988 ug/ml
18) T n-Dotriacontane (C32)	18.869	3526403	20.604 ug/ml
19) T n-Tetratriacontane (C34)	19.654	3133401	20.267 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2760347	19.000 ug/ml
21) T n-Octatriacontane (C38)	21.126	2633311	19.157 ug/ml
22) T n-Tetracontane (C40)	22.020	2822736	18.268 ug/ml

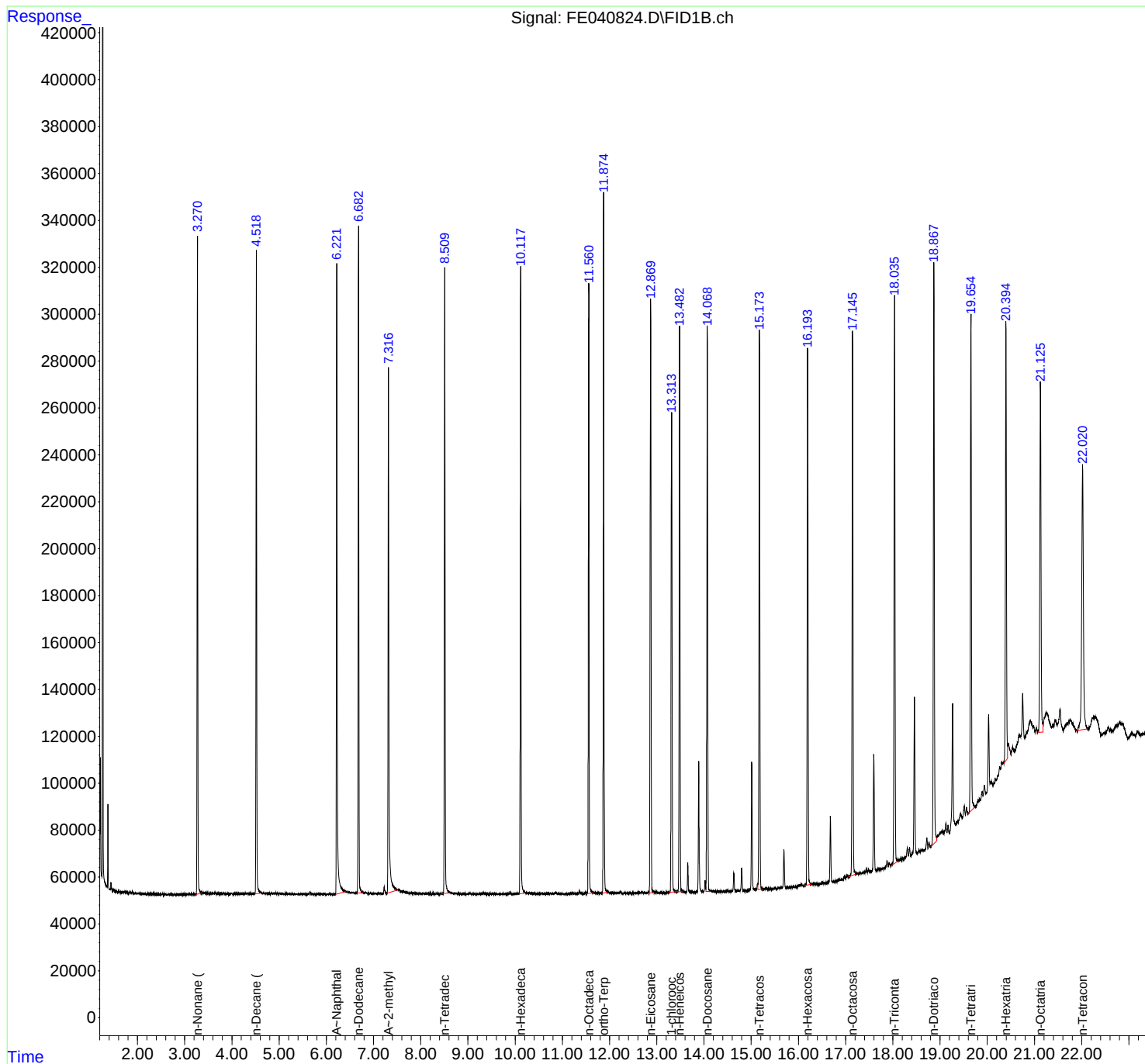
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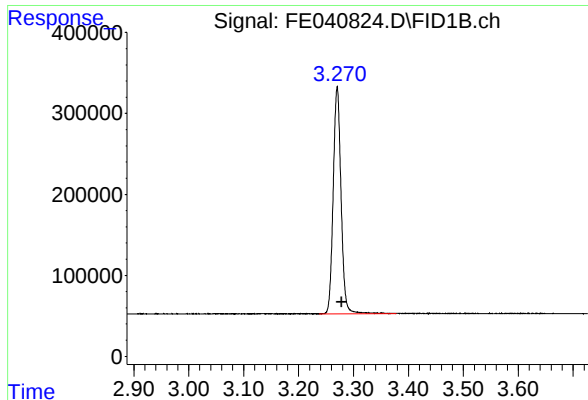
(m)=manual int.

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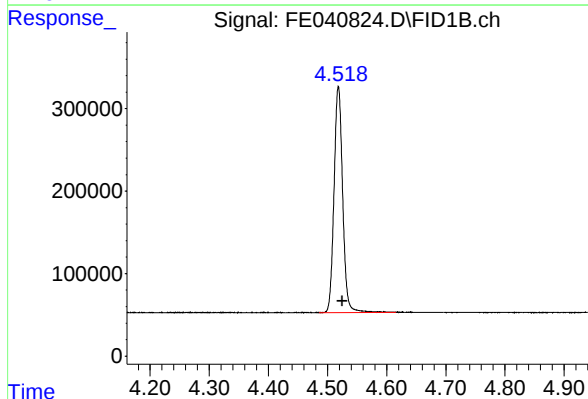
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





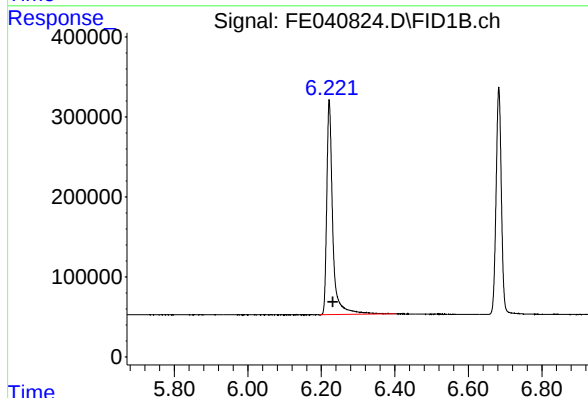
#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.009 min
Response: 2782532
Conc: 18.08 ug/ml



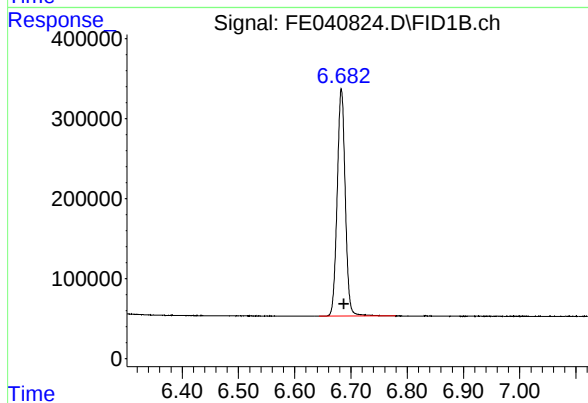
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: -0.007 min
Response: 2780272
Conc: 18.48 ug/ml



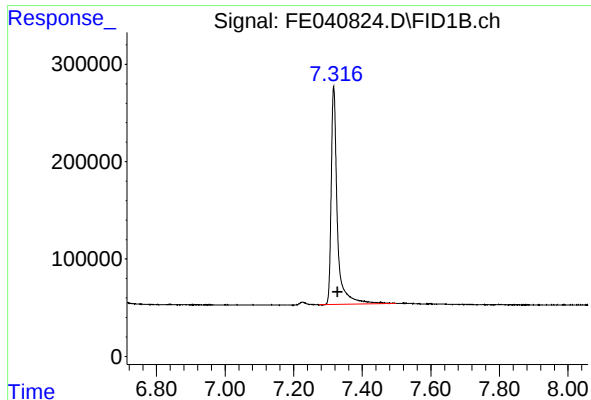
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.010 min
Response: 3058753
Conc: 18.44 ug/ml



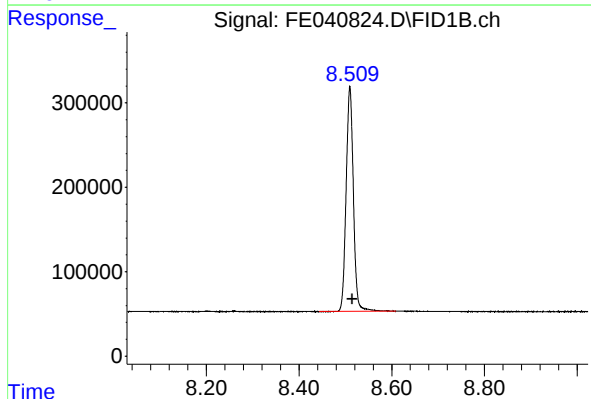
#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.005 min
Response: 2836792
Conc: 18.53 ug/ml



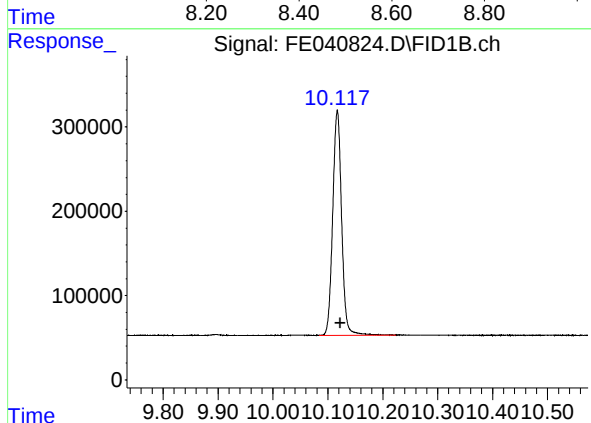
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.317 min
Delta R.T.: -0.012 min
Response: 2820256
Conc: 18.63 ug/ml



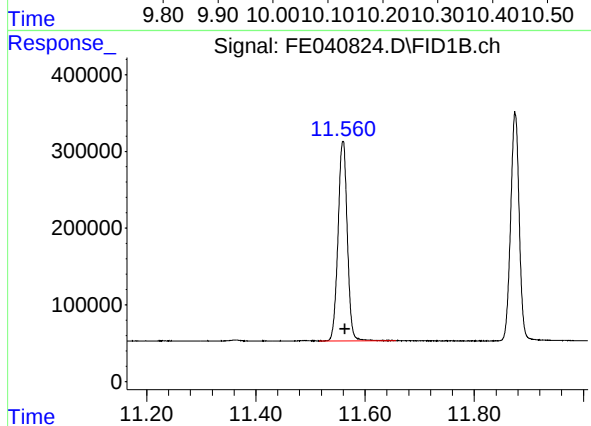
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.006 min
Response: 2890485
Conc: 18.70 ug/ml



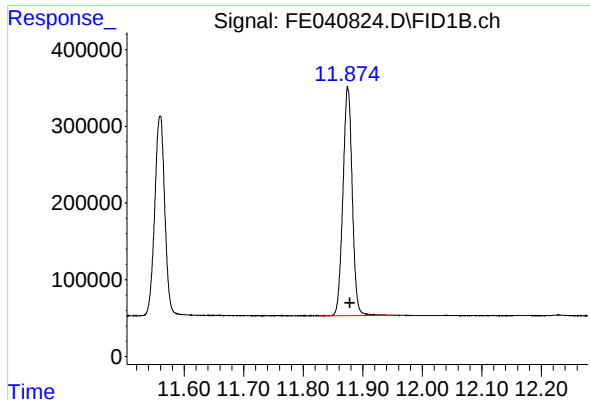
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: -0.005 min
Response: 3005736
Conc: 18.61 ug/ml



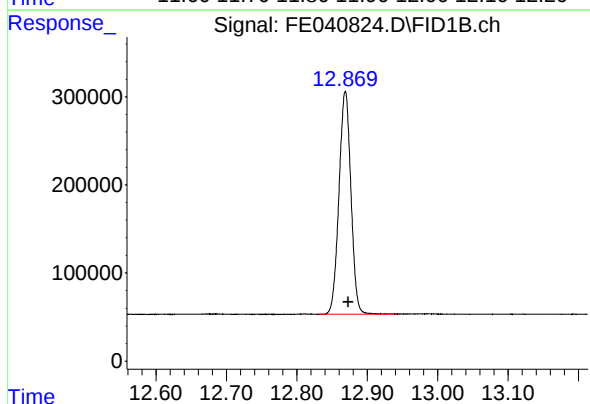
#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: -0.004 min
Response: 3065789
Conc: 18.06 ug/ml



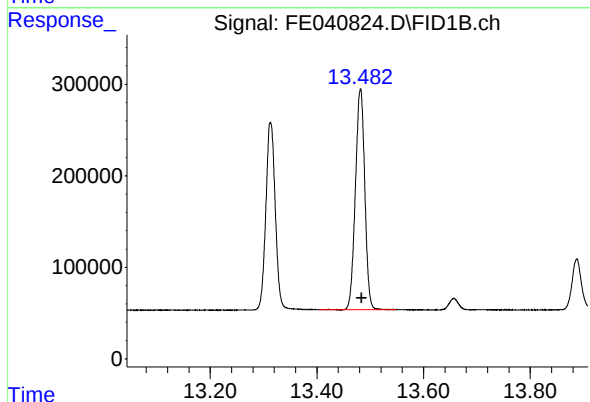
#9 ortho-Terphenyl (SURR)

R.T.: 11.875 min
Delta R.T.: -0.004 min
Response: 3242770
Conc: 17.36 ug/ml



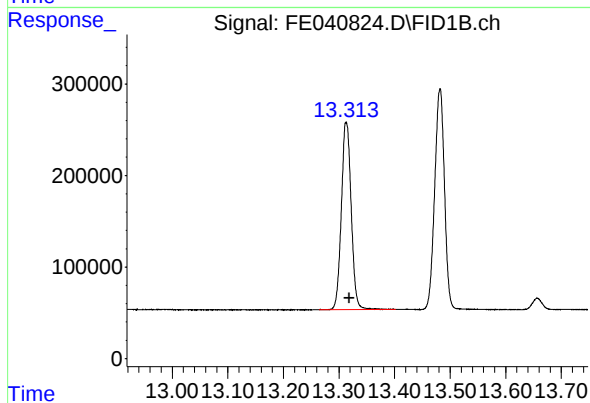
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.004 min
Response: 2983999
Conc: 17.64 ug/ml



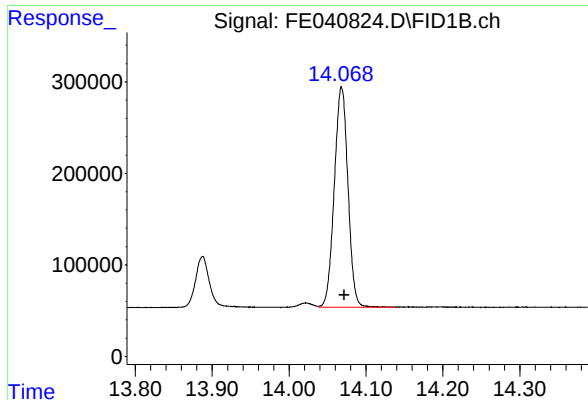
#11 n-Heneicosane (C21)

R.T.: 13.482 min
Delta R.T.: -0.002 min
Response: 2948336
Conc: 17.21 ug/ml



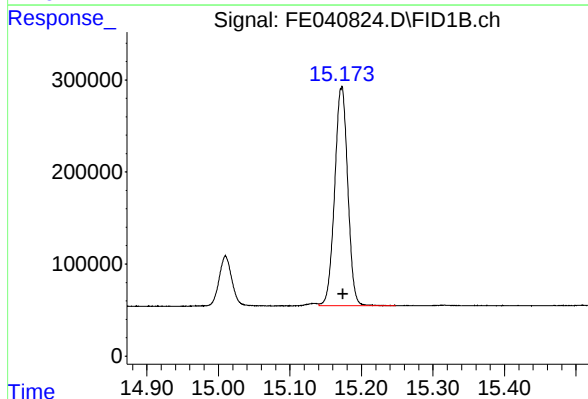
#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.005 min
Response: 2515638
Conc: 17.00 ug/ml



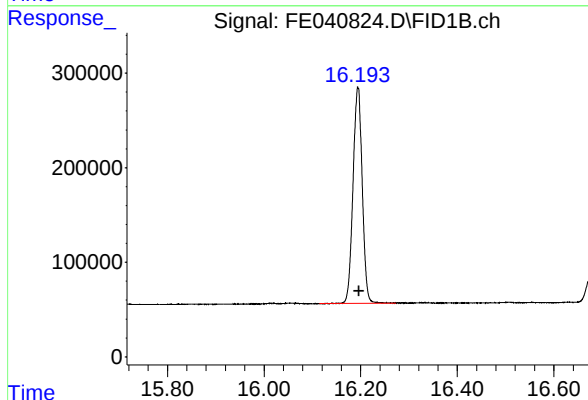
#13 n-Docosane (C22)

R.T.: 14.068 min
Delta R.T.: -0.003 min
Response: 2971940
Conc: 17.35 ug/ml



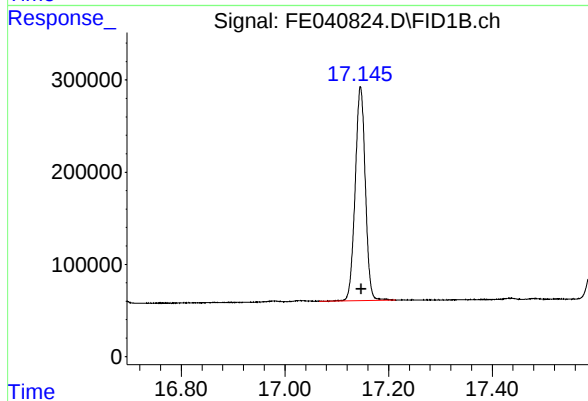
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.002 min
Response: 3025373
Conc: 17.55 ug/ml



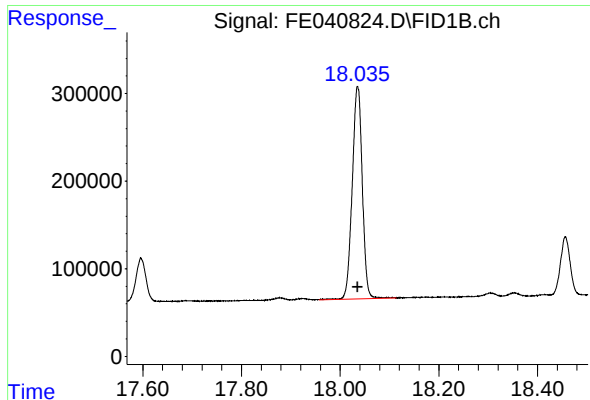
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: -0.002 min
Response: 3014293
Conc: 17.74 ug/ml



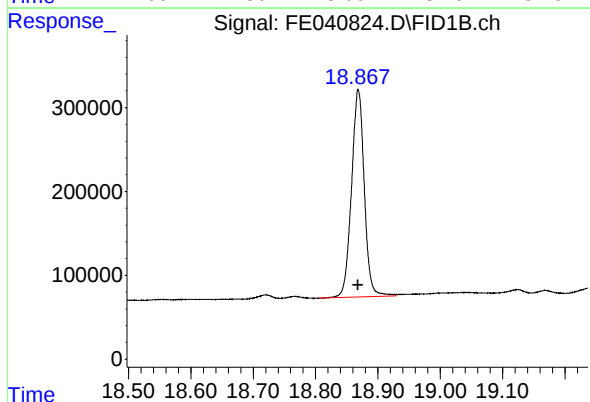
#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: -0.002 min
Response: 3151250
Conc: 18.79 ug/ml



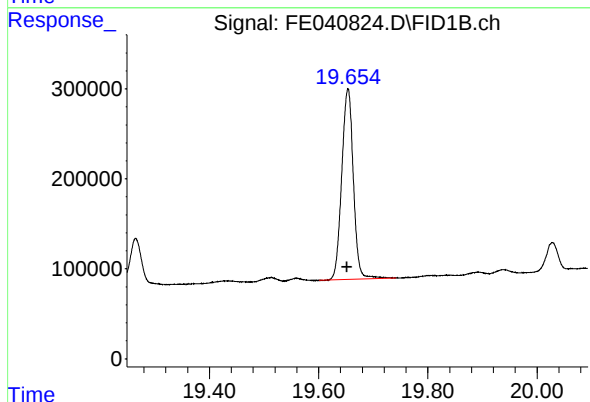
#17 n-Tricontane (C30)

R.T.: 18.036 min
Delta R.T.: 0.000 min
Response: 3427067
Conc: 20.99 ug/ml



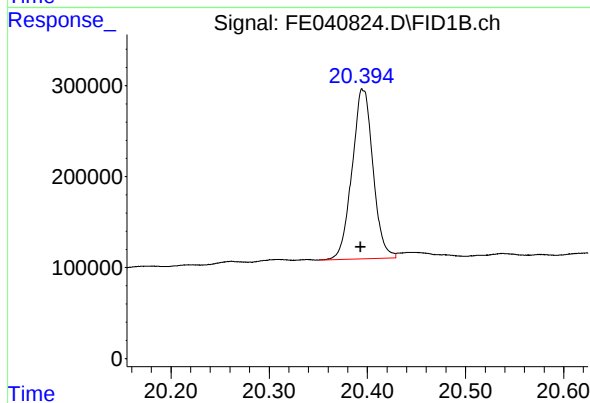
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: 0.000 min
Response: 3526403
Conc: 20.60 ug/ml



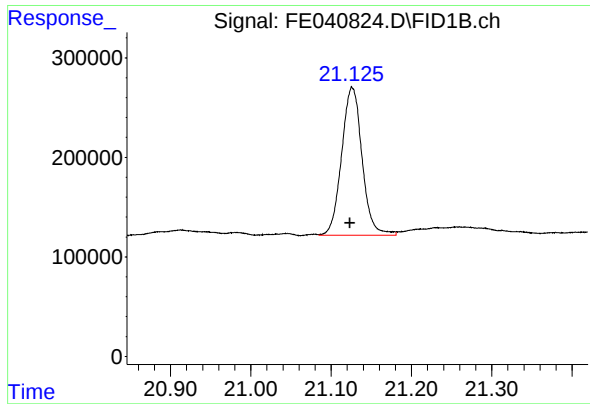
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: 0.002 min
Response: 3133401
Conc: 20.27 ug/ml



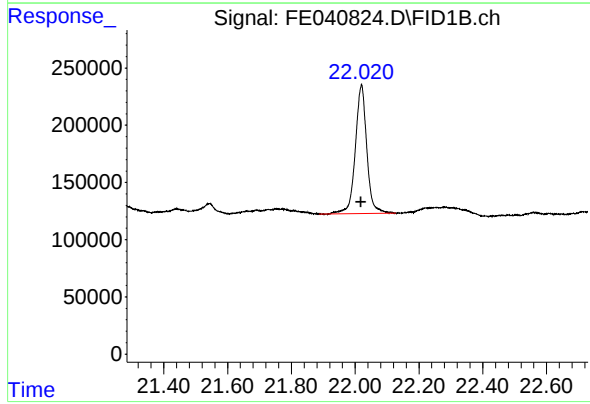
#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: 0.002 min
Response: 2760347
Conc: 19.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.126 min
Delta R.T.: 0.002 min
Response: 2633311
Conc: 19.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.020 min
Delta R.T.: 0.002 min
Response: 2822736
Conc: 18.27 ug/ml