

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061124AL\
 Data File : FE048661.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jun 2024 17:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 12 02:57:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 2024
 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)	11.941	2580218	17.969 ug/ml
Spiked Amount 50.000		Recovery =	35.94%
12) S 1-chlorooctadecane (S...	13.376	1932203	17.736 ug/ml
Spiked Amount 50.000		Recovery =	35.47%
Target Compounds			
1) T n-Nonane (C9)	3.329	2384323	15.948 ug/ml
2) T n-Decane (C10)	4.579	2558927	16.946 ug/ml
3) T A~Naphthalene (C11.7)	6.285	2538969	17.052 ug/ml
4) T n-Dodecane (C12)	6.744	2569192	17.356 ug/ml
5) T A~2-methylnaphthalene...	7.380	2425563	17.494 ug/ml
6) T n-Tetradecane (C14)	8.572	2506214	17.670 ug/ml
7) T n-Hexadecane (C16)	10.179	2539484	18.013 ug/ml
8) T n-Octadecane (C18)	11.622	2519629	18.142 ug/ml
10) T n-Eicosane (C20)	12.931	2387076	18.038 ug/ml
11) T n-Heneicosane (C21)	13.543	2323081	17.935 ug/ml
13) T n-Docosane (C22)	14.129	2318380	17.991 ug/ml
14) T n-Tetracosane (C24)	15.231	2367596	18.276 ug/ml
15) T n-Hexacosane (C26)	16.251	2371985	18.302 ug/ml
16) T n-Octacosane (C28)	17.200	2470361	19.113 ug/ml
17) T n-Tricontane (C30)	18.087	2748095	20.514 ug/ml
18) T n-Dotriacontane (C32)	18.919	2869579	21.140 ug/ml
19) T n-Tetratriacontane (C34)	19.701	2723260	19.907 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2528317	18.599 ug/ml
21) T n-Octatriacontane (C38)	21.179	2428283	17.806 ug/ml
22) T n-Tetracontane (C40)	22.095	2557677	18.680 ug/ml

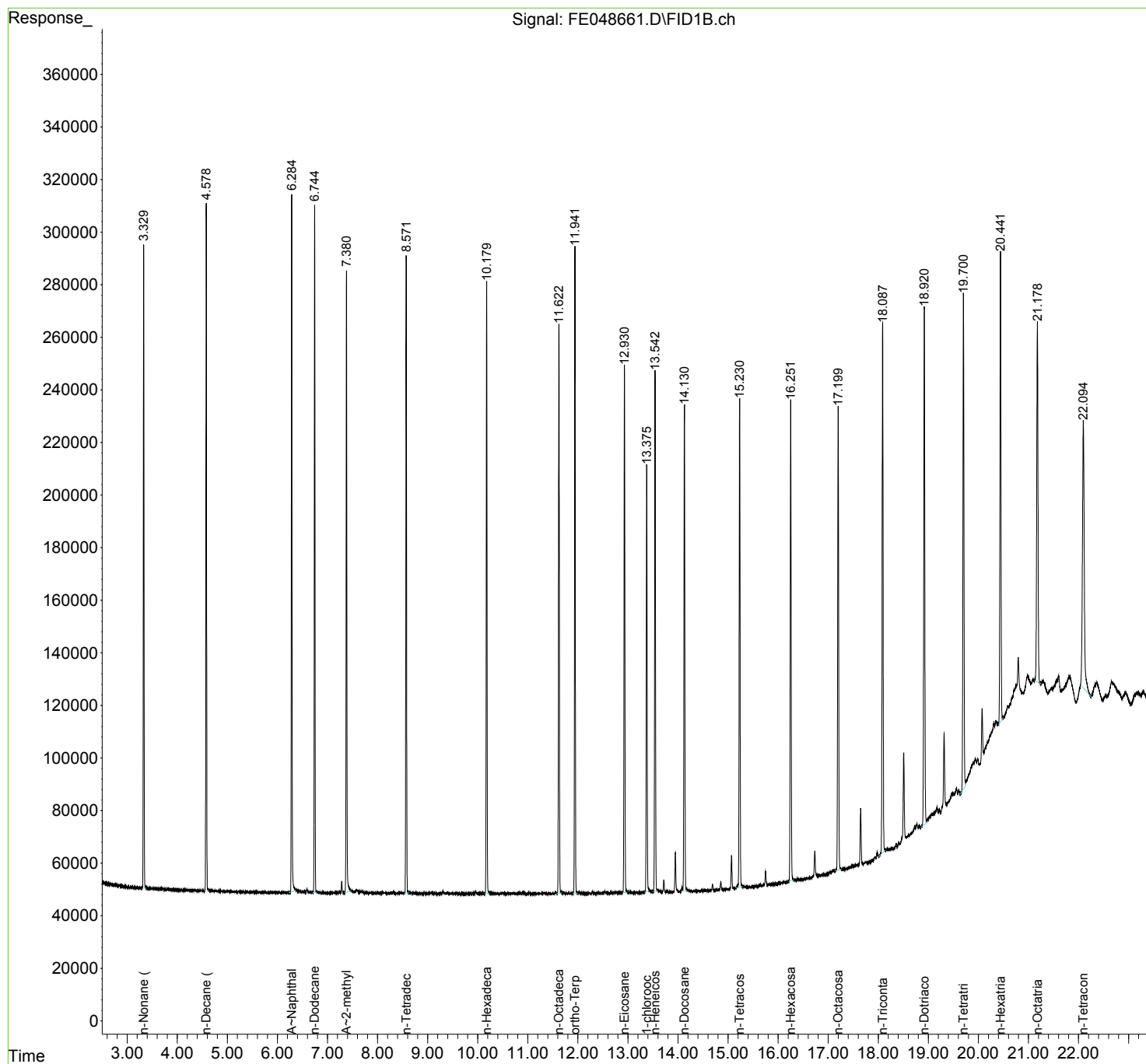
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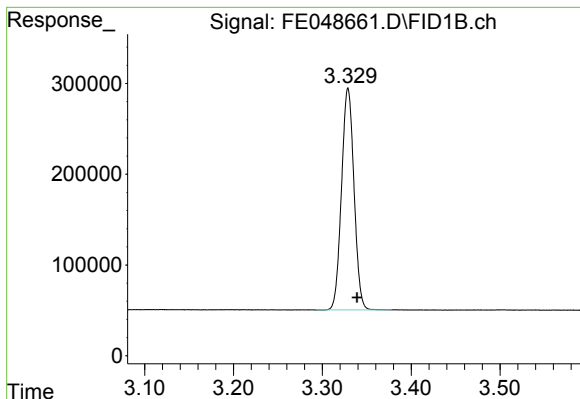
(m)=manual int.

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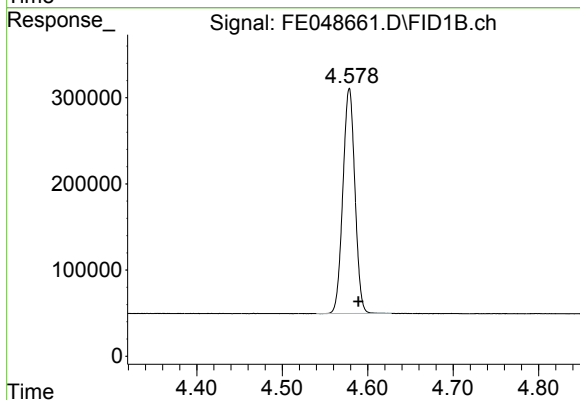
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Signal Info : 20M x 0.18mm x 0.18um





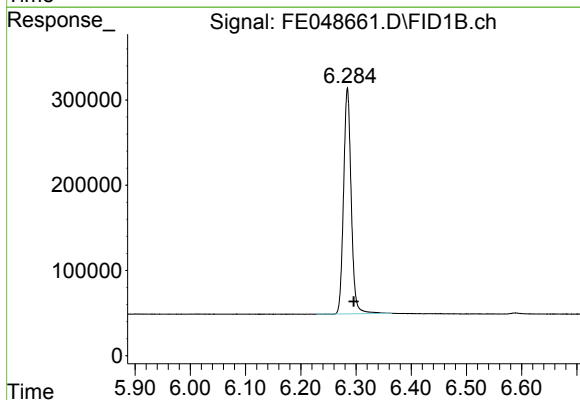
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.010 min
Response: 2384323
Conc: 15.95 ug/ml



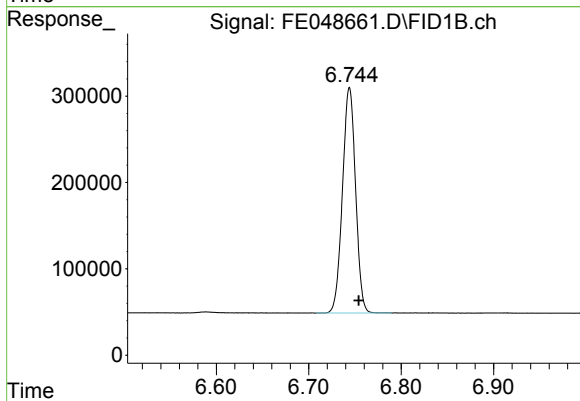
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.010 min
Response: 2558927
Conc: 16.95 ug/ml



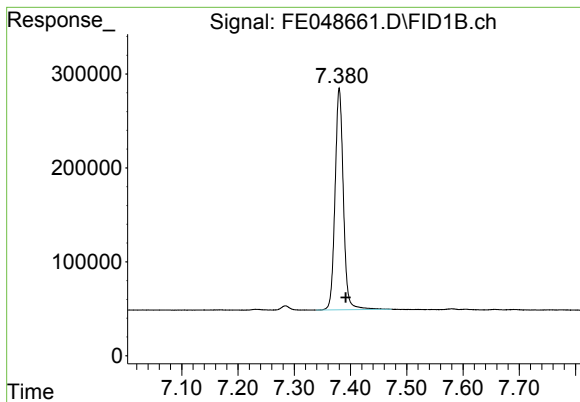
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.011 min
Response: 2538969
Conc: 17.05 ug/ml



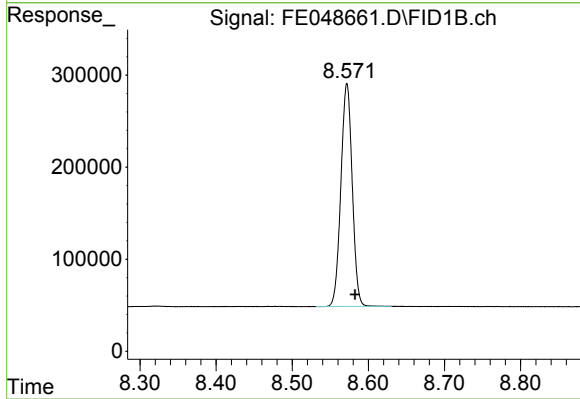
#4 n-Dodecane (C12)

R.T.: 6.744 min
Delta R.T.: -0.010 min
Response: 2569192
Conc: 17.36 ug/ml



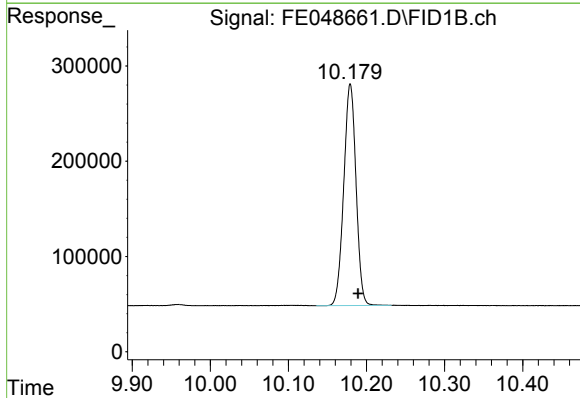
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.380 min
Delta R.T.: -0.011 min
Response: 2425563
Conc: 17.49 ug/ml



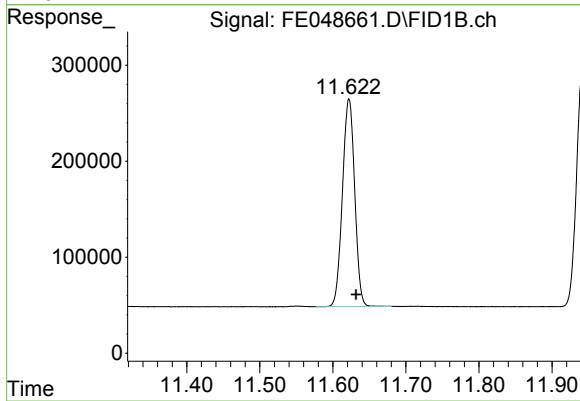
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.011 min
Response: 2506214
Conc: 17.67 ug/ml



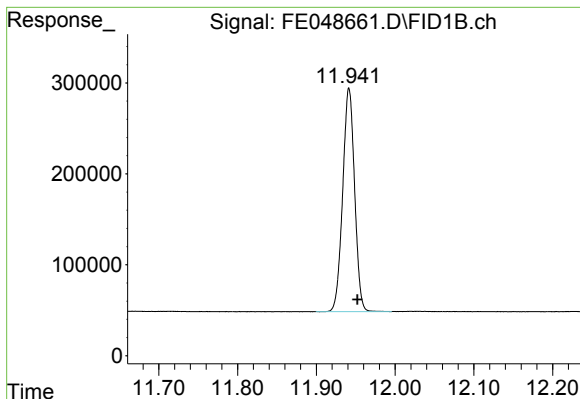
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.010 min
Response: 2539484
Conc: 18.01 ug/ml



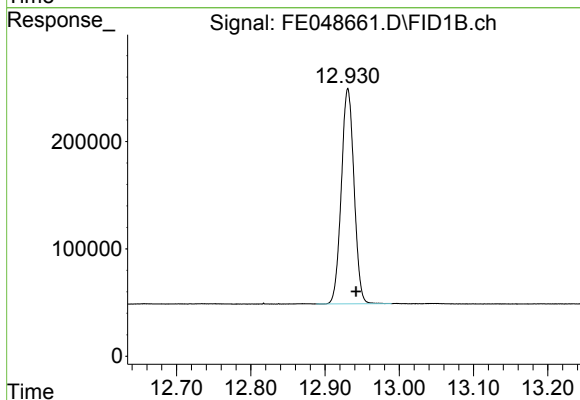
#8 n-Octadecane (C18)

R.T.: 11.622 min
Delta R.T.: -0.010 min
Response: 2519629
Conc: 18.14 ug/ml



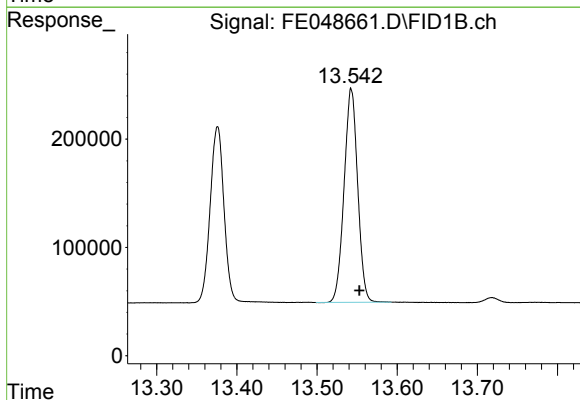
#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: -0.011 min
Response: 2580218
Conc: 17.97 ug/ml



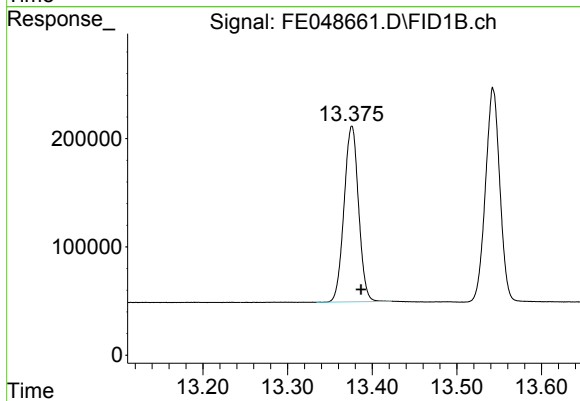
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: -0.011 min
Response: 2387076
Conc: 18.04 ug/ml



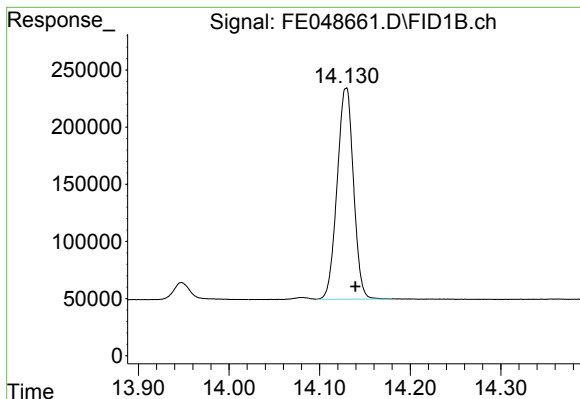
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.010 min
Response: 2323081
Conc: 17.93 ug/ml



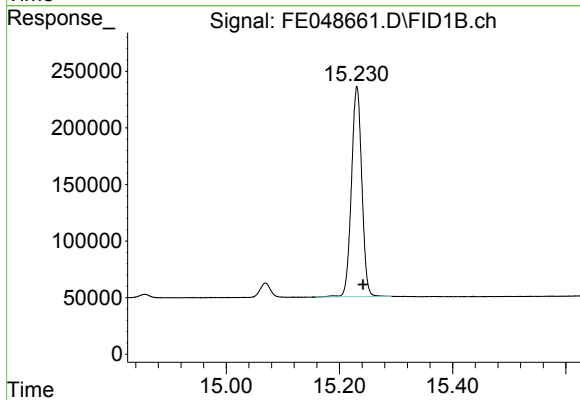
#12 1-chlorooctadecane (SURR)

R.T.: 13.376 min
Delta R.T.: -0.011 min
Response: 1932203
Conc: 17.74 ug/ml



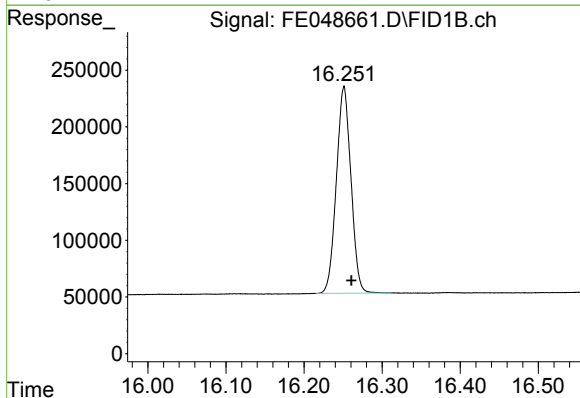
#13 n-Docosane (C22)

R.T.: 14.129 min
Delta R.T.: -0.010 min
Response: 2318380
Conc: 17.99 ug/ml



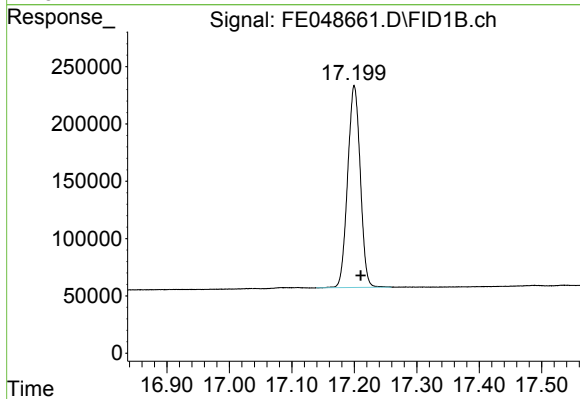
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.011 min
Response: 2367596
Conc: 18.28 ug/ml



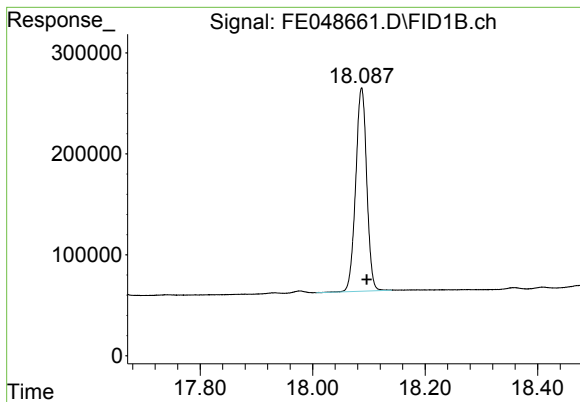
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.009 min
Response: 2371985
Conc: 18.30 ug/ml



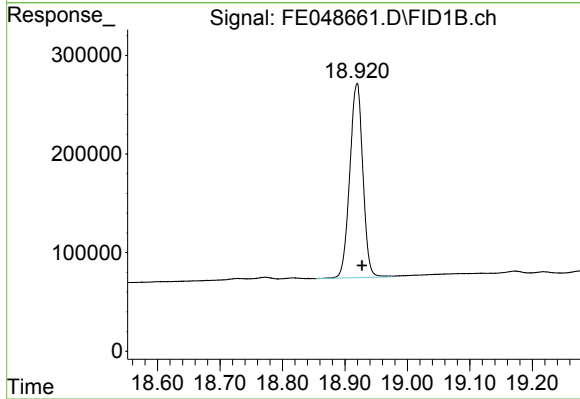
#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.010 min
Response: 2470361
Conc: 19.11 ug/ml



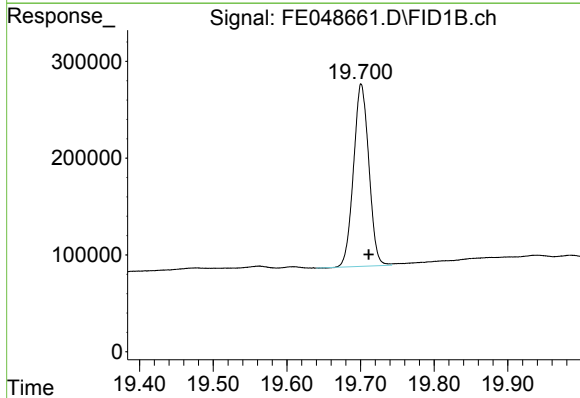
#17 n-Tricontane (C30)

R.T.: 18.087 min
Delta R.T.: -0.009 min
Response: 2748095
Conc: 20.51 ug/ml



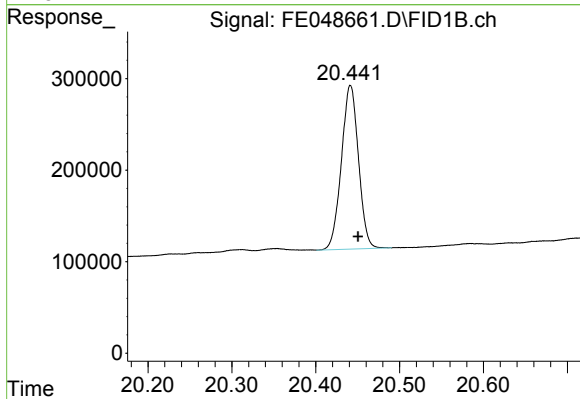
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.008 min
Response: 2869579
Conc: 21.14 ug/ml



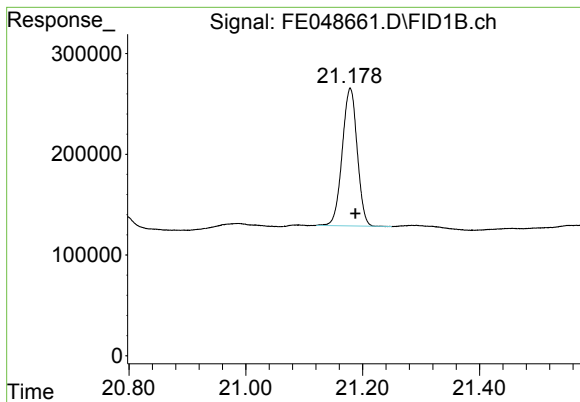
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.010 min
Response: 2723260
Conc: 19.91 ug/ml



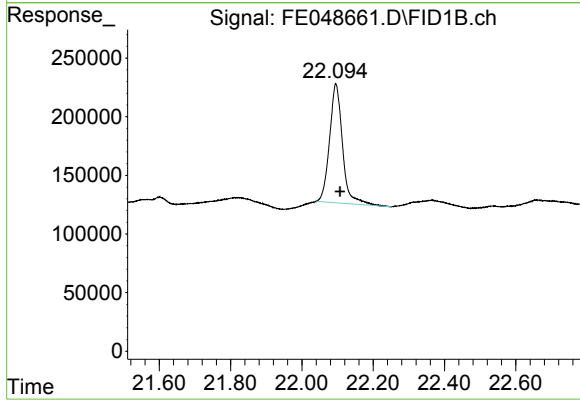
#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: -0.009 min
Response: 2528317
Conc: 18.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.009 min
Response: 2428283
Conc: 17.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: -0.012 min
Response: 2557677
Conc: 18.68 ug/ml