

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032023AL\
 Data File : FE040891.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2023 09:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 03:03:38 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)	11.868	3830122	20.503 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
12) S 1-chlorooctadecane (S...	13.307	2888487	19.516 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
Target Compounds			
1) T n-Nonane (C9)	3.267	3427734	22.276 ug/ml
2) T n-Decane (C10)	4.514	3448339	22.921 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3755591	22.642 ug/ml
4) T n-Dodecane (C12)	6.678	3480294	22.734 ug/ml
5) T A~2-methylnaphthalene...	7.311	3421843	22.610 ug/ml
6) T n-Tetradecane (C14)	8.504	3493515	22.604 ug/ml
7) T n-Hexadecane (C16)	10.110	3581383	22.173 ug/ml
8) T n-Octadecane (C18)	11.553	3618277	21.310 ug/ml
10) T n-Eicosane (C20)	12.862	3476996	20.553 ug/ml
11) T n-Heneicosane (C21)	13.474	3450150	20.134 ug/ml
13) T n-Docosane (C22)	14.061	3380699	19.734 ug/ml
14) T n-Tetracosane (C24)	15.165	3305562	19.175 ug/ml
15) T n-Hexacosane (C26)	16.187	3163863	18.615 ug/ml
16) T n-Octacosane (C28)	17.138	3169928	18.902 ug/ml
17) T n-Tricontane (C30)	18.025	3296833	20.191 ug/ml
18) T n-Dotriacontane (C32)	18.858	3399207	19.861 ug/ml
19) T n-Tetratriacontane (C34)	19.643	3267172	21.132 ug/ml
20) T n-Hexatriacontane (C36)	20.384	2968854	20.435 ug/ml
21) T n-Octatriacontane (C38)	21.113	2912936	21.192 ug/ml
22) T n-Tetracontane (C40)	22.003	3230416	20.906 ug/ml

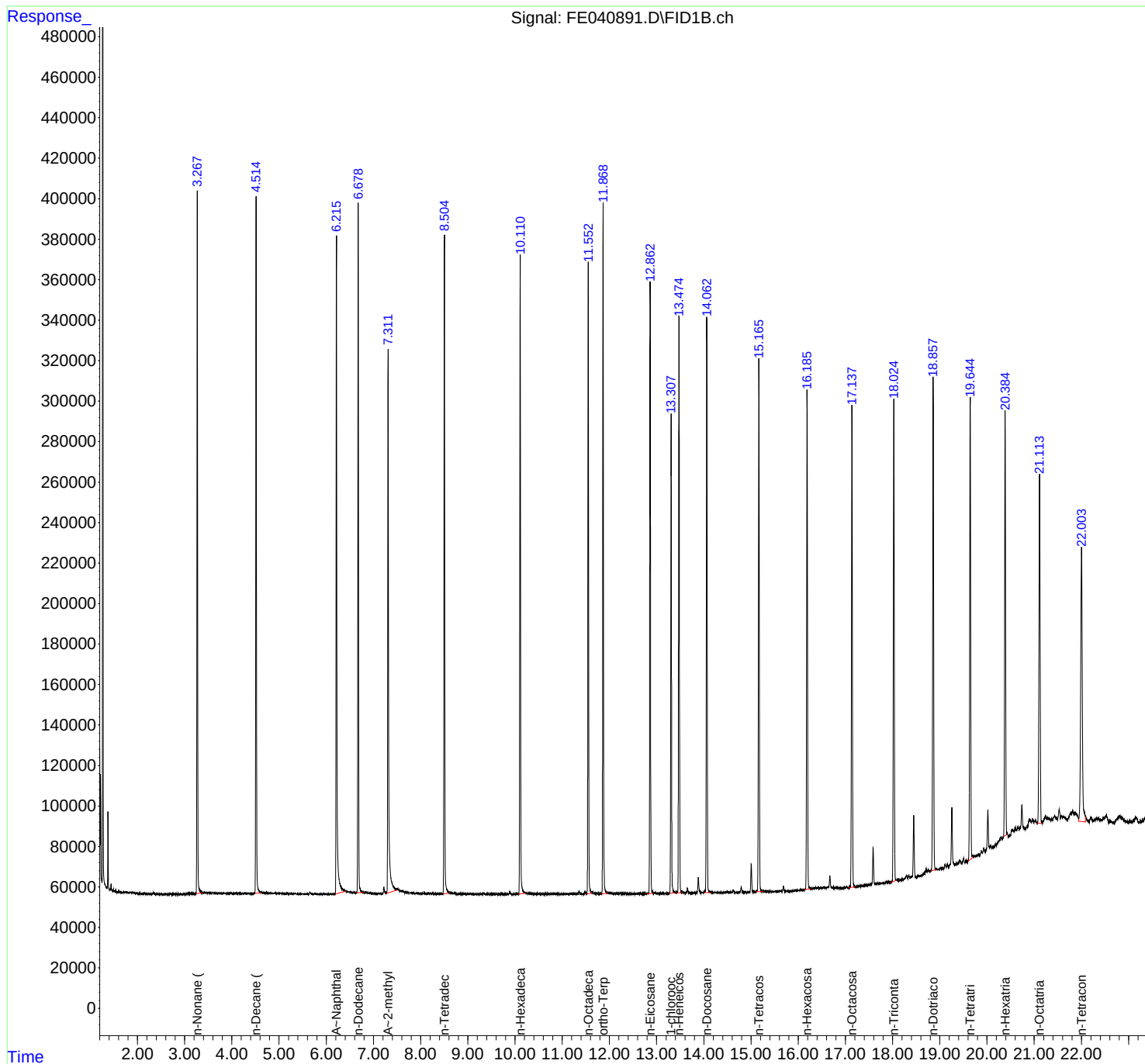
(f)=RT Delta > 1/2 Window

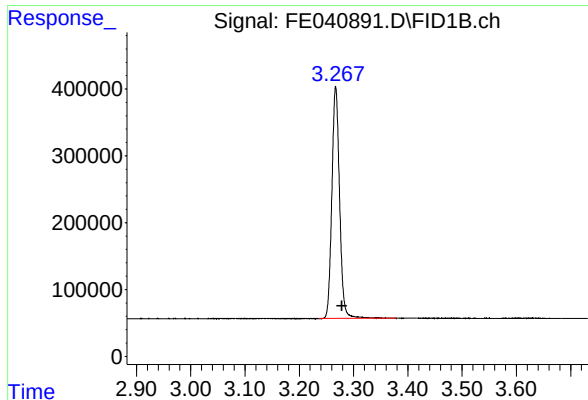
(m)=manual int.

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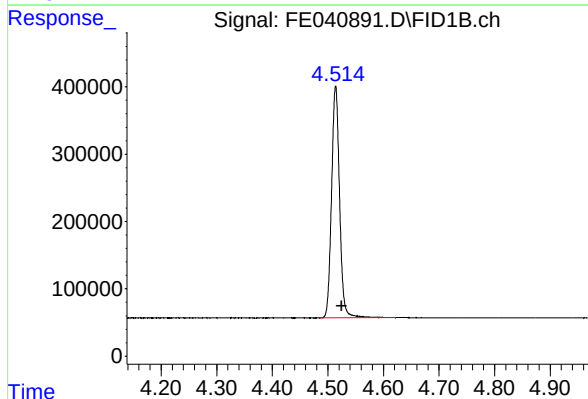
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Signal Info : 20M x 0.18mm x 0.18um





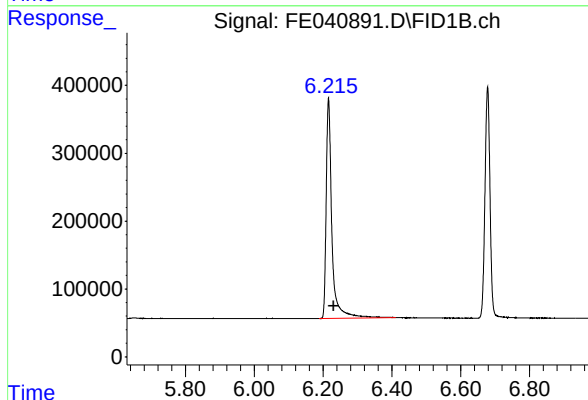
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: -0.012 min
Response: 3427734
Conc: 22.28 ug/ml



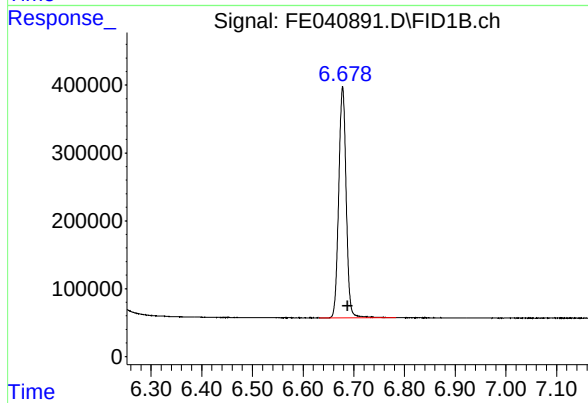
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.011 min
Response: 3448339
Conc: 22.92 ug/ml



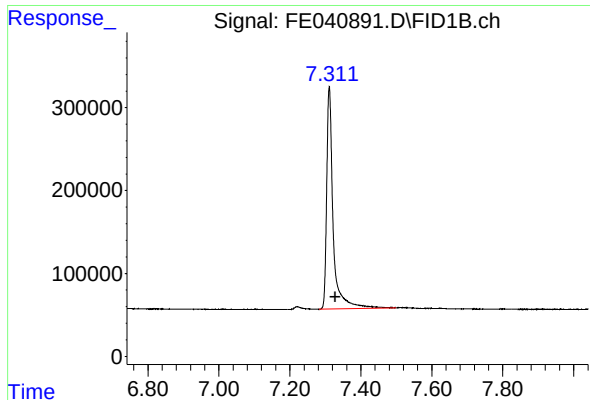
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.016 min
Response: 3755591
Conc: 22.64 ug/ml



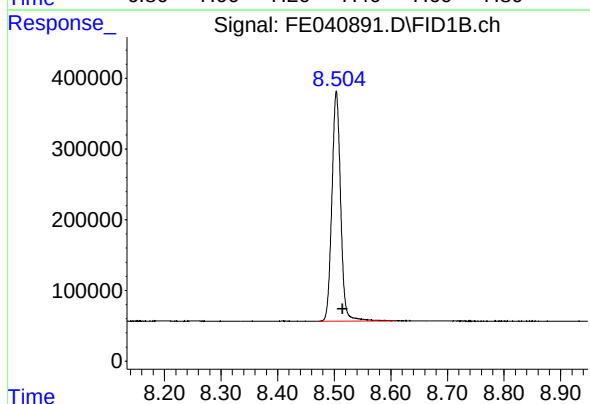
#4 n-Dodecane (C12)

R.T.: 6.678 min
Delta R.T.: -0.010 min
Response: 3480294
Conc: 22.73 ug/ml



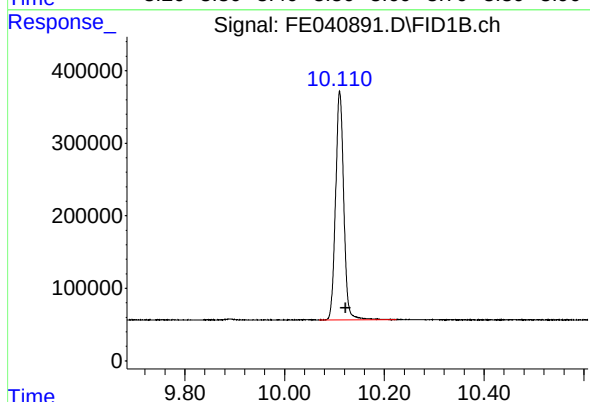
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.311 min
Delta R.T.: -0.017 min
Response: 3421843
Conc: 22.61 ug/ml



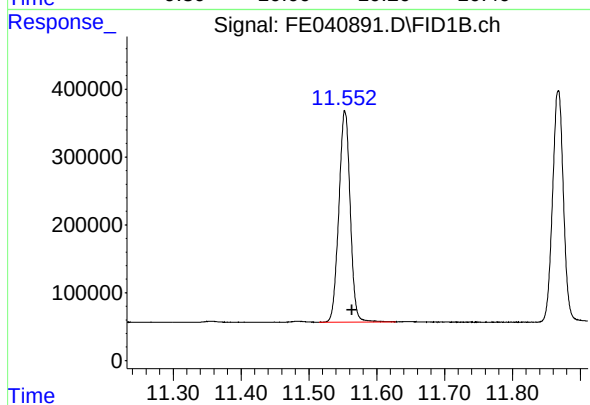
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: -0.012 min
Response: 3493515
Conc: 22.60 ug/ml



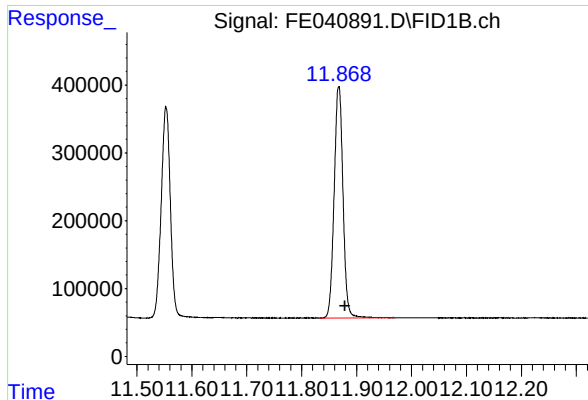
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.012 min
Response: 3581383
Conc: 22.17 ug/ml



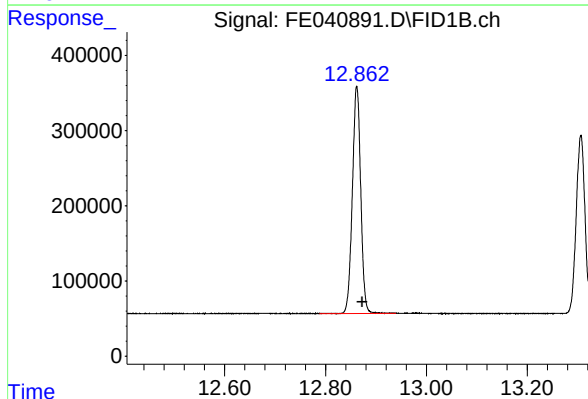
#8 n-Octadecane (C18)

R.T.: 11.553 min
Delta R.T.: -0.010 min
Response: 3618277
Conc: 21.31 ug/ml



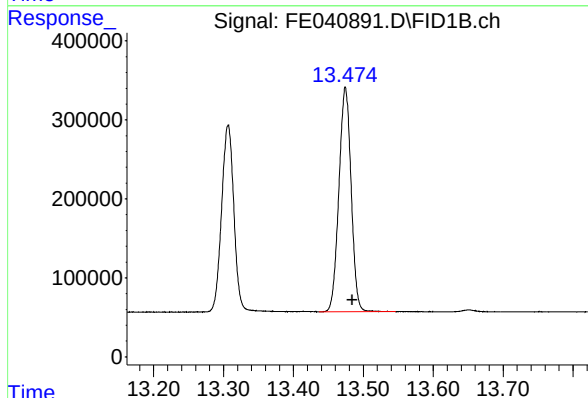
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.011 min
Response: 3830122
Conc: 20.50 ug/ml



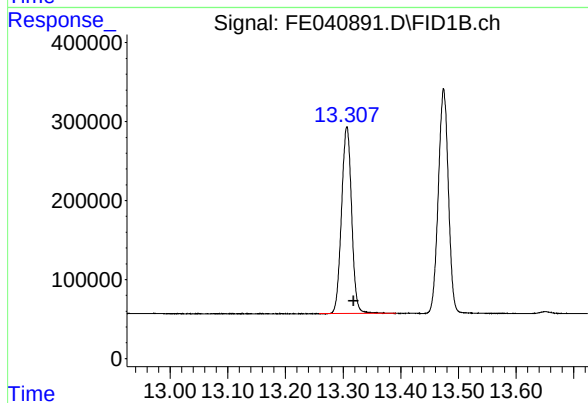
#10 n-Eicosane (C20)

R.T.: 12.862 min
Delta R.T.: -0.011 min
Response: 3476996
Conc: 20.55 ug/ml



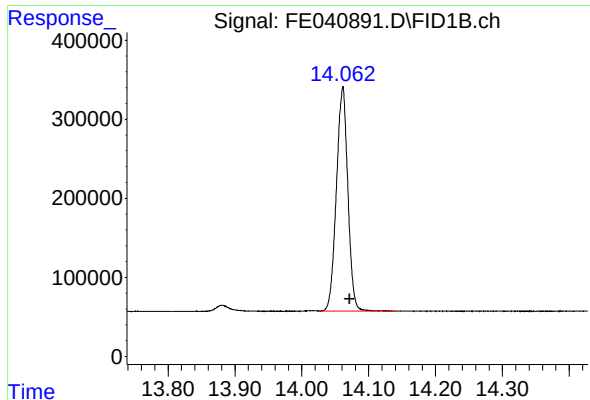
#11 n-Heneicosane (C21)

R.T.: 13.474 min
Delta R.T.: -0.010 min
Response: 3450150
Conc: 20.13 ug/ml



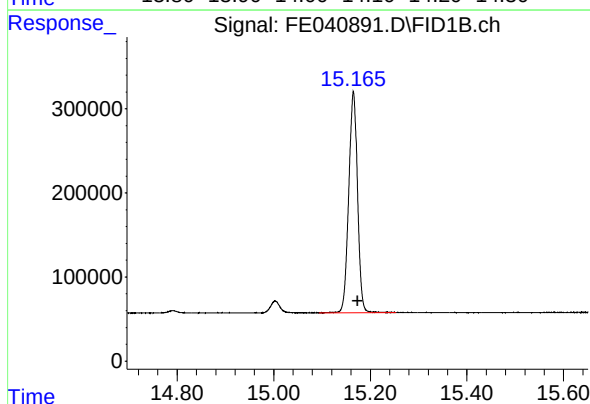
#12 1-chlorooctadecane (SURR)

R.T.: 13.307 min
Delta R.T.: -0.011 min
Response: 2888487
Conc: 19.52 ug/ml



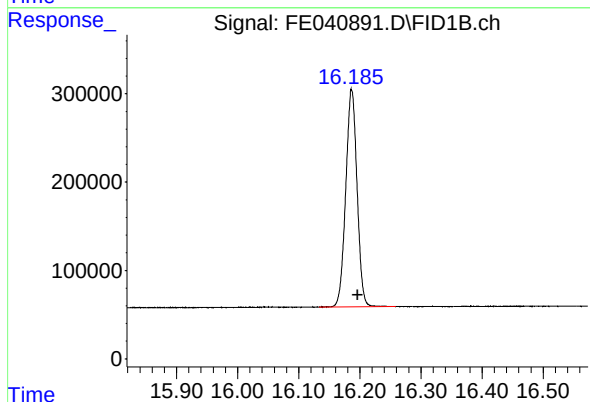
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.010 min
Response: 3380699
Conc: 19.73 ug/ml



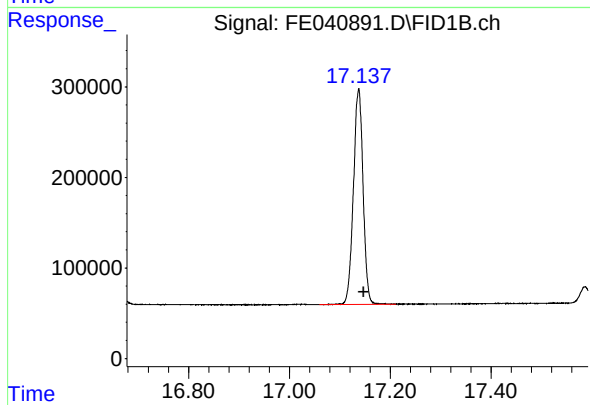
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.009 min
Response: 3305562
Conc: 19.17 ug/ml



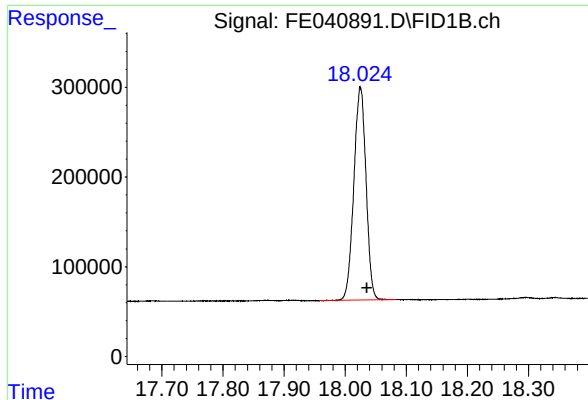
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: -0.010 min
Response: 3163863
Conc: 18.62 ug/ml



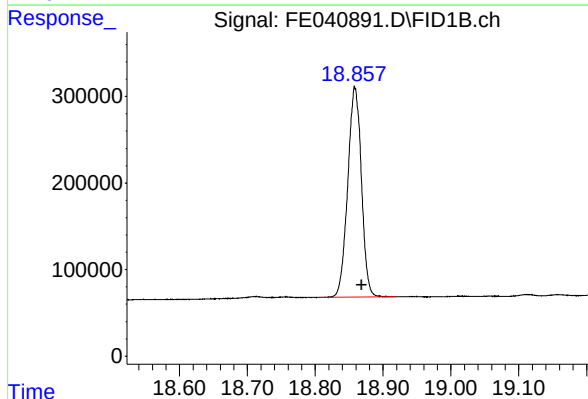
#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: -0.010 min
Response: 3169928
Conc: 18.90 ug/ml



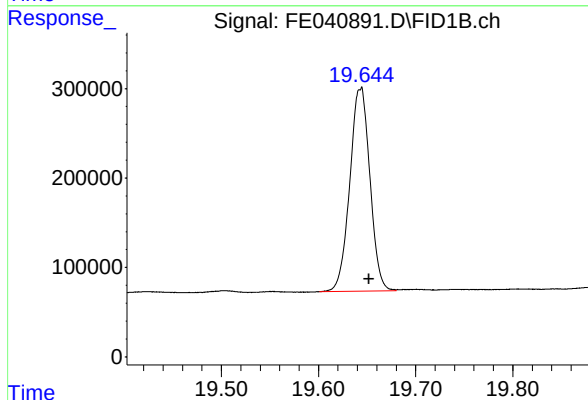
#17 n-Tricontane (C30)

R.T.: 18.025 min
Delta R.T.: -0.011 min
Response: 3296833
Conc: 20.19 ug/ml



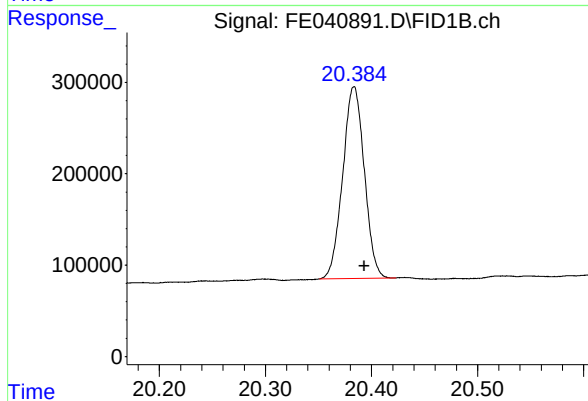
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: -0.010 min
Response: 3399207
Conc: 19.86 ug/ml



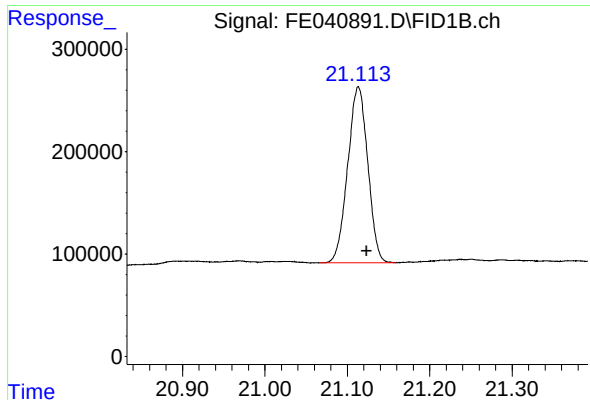
#19 n-Tetratriacontane (C34)

R.T.: 19.643 min
Delta R.T.: -0.009 min
Response: 3267172
Conc: 21.13 ug/ml



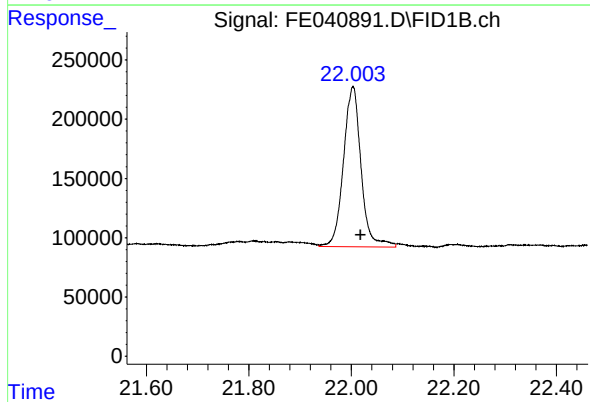
#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: -0.010 min
Response: 2968854
Conc: 20.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: -0.010 min
Response: 2912936
Conc: 21.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.003 min
Delta R.T.: -0.015 min
Response: 3230416
Conc: 20.91 ug/ml