

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031523AL\
 Data File : FE040813.D
 Signal(s) : FID1B.ch
 Acq On : 15 Mar 2023 13:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 16 03:12:33 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	3813609	20.414 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
12) S 1-chlorooctadecane (S...	13.314	2958243	19.988 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T n-Nonane (C9)	3.271	3344114	21.733 ug/ml
2) T n-Decane (C10)	4.519	3344265	22.229 ug/ml
3) T A~Naphthalene (C11.7)	6.220	3691869	22.258 ug/ml
4) T n-Dodecane (C12)	6.683	3399809	22.208 ug/ml
5) T A~2-methylnaphthalene...	7.316	3420104	22.598 ug/ml
6) T n-Tetradecane (C14)	8.509	3435791	22.230 ug/ml
7) T n-Hexadecane (C16)	10.117	3548026	21.966 ug/ml
8) T n-Octadecane (C18)	11.560	3595266	21.174 ug/ml
10) T n-Eicosane (C20)	12.869	3468661	20.504 ug/ml
11) T n-Heneicosane (C21)	13.482	3461859	20.202 ug/ml
13) T n-Docosane (C22)	14.068	3379045	19.724 ug/ml
14) T n-Tetracosane (C24)	15.172	3296354	19.121 ug/ml
15) T n-Hexacosane (C26)	16.195	3155229	18.564 ug/ml
16) T n-Octacosane (C28)	17.147	3129666	18.662 ug/ml
17) T n-Tricontane (C30)	18.035	3191965	19.549 ug/ml
18) T n-Dotriacontane (C32)	18.868	3215806	18.789 ug/ml
19) T n-Tetratriacontane (C34)	19.654	3082558	19.938 ug/ml
20) T n-Hexatriacontane (C36)	20.394	2888133	19.880 ug/ml
21) T n-Octatriacontane (C38)	21.124	2815678	20.484 ug/ml
22) T n-Tetracontane (C40)	22.014	2890918	18.709 ug/ml

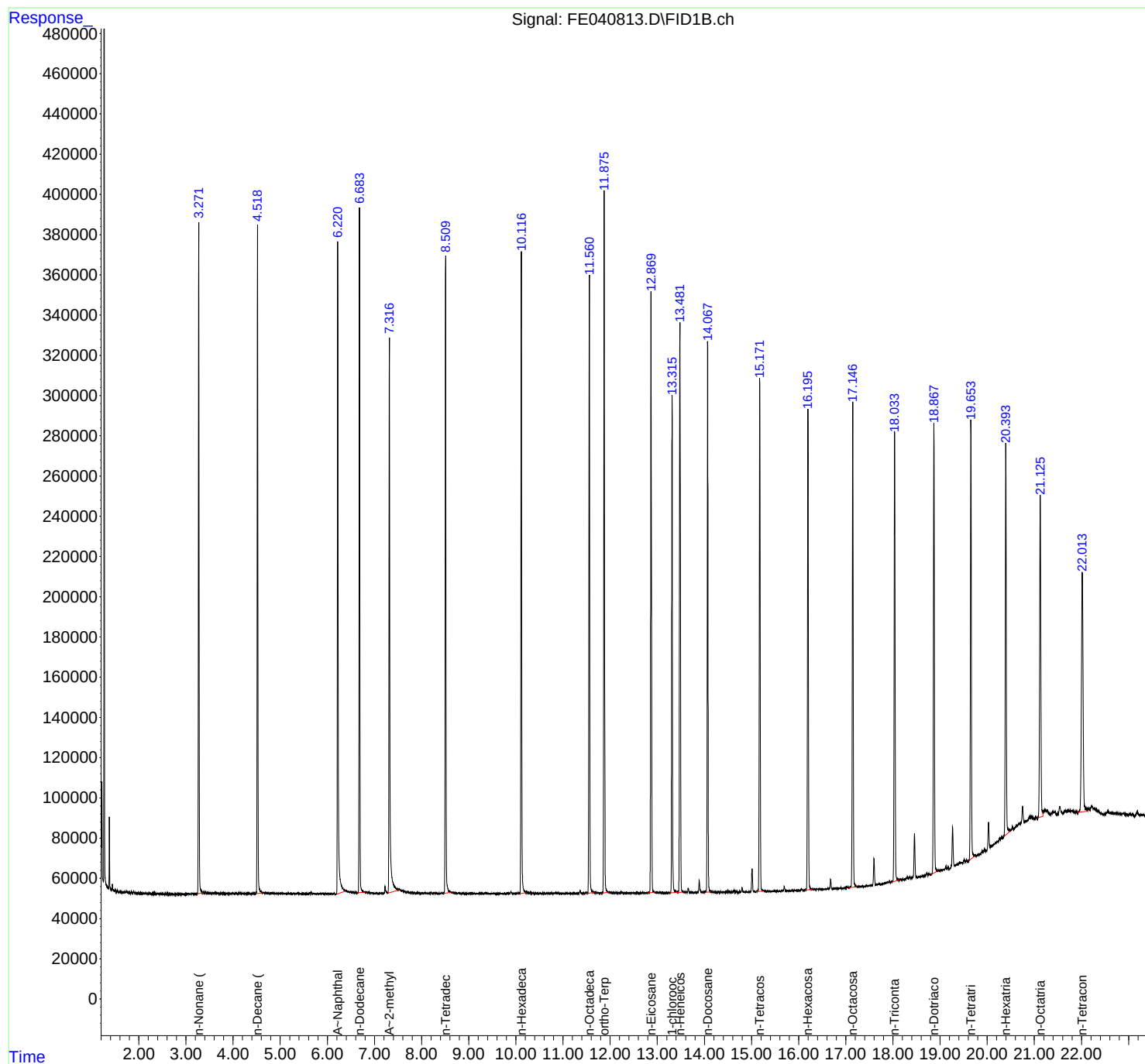
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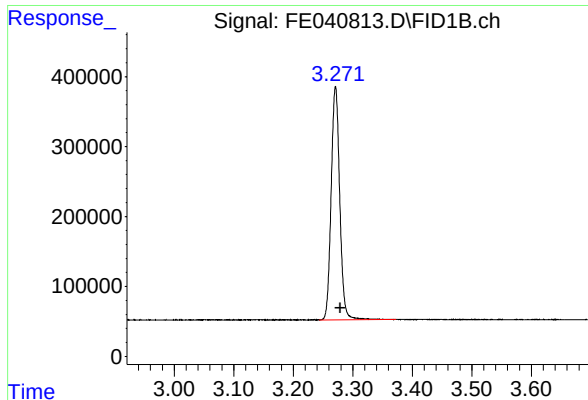
(m)=manual int.

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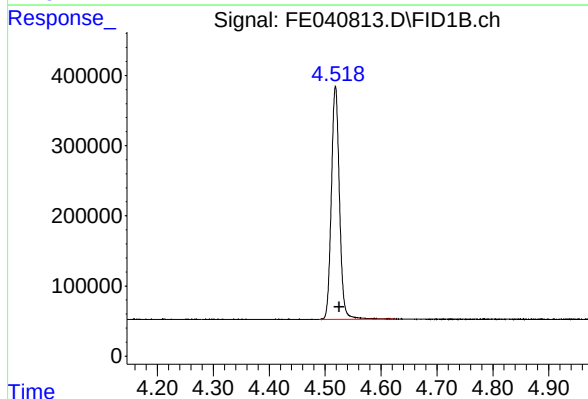
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Signal Info : 20M x 0.18mm x 0.18um





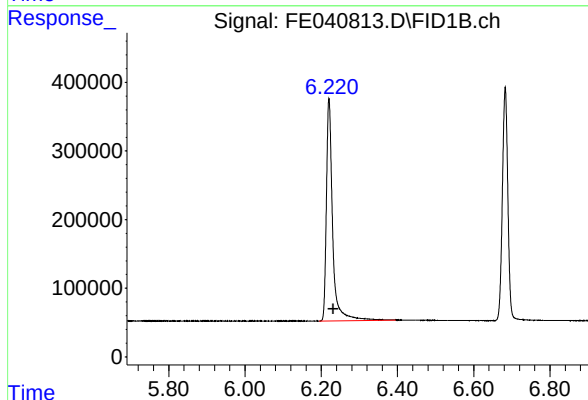
#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.008 min
Response: 3344114
Conc: 21.73 ug/ml



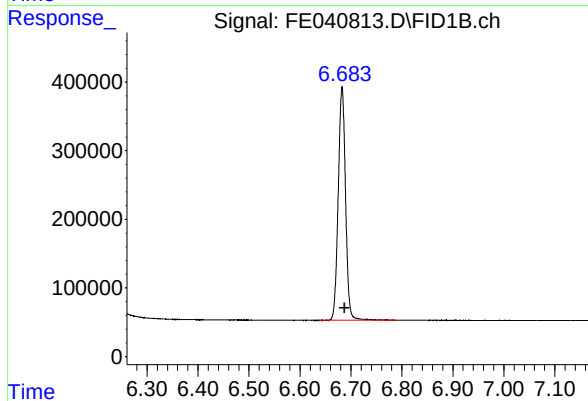
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: -0.006 min
Response: 3344265
Conc: 22.23 ug/ml



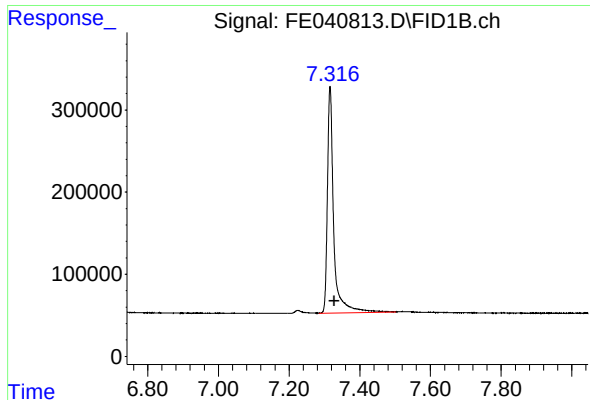
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min
Delta R.T.: -0.011 min
Response: 3691869
Conc: 22.26 ug/ml



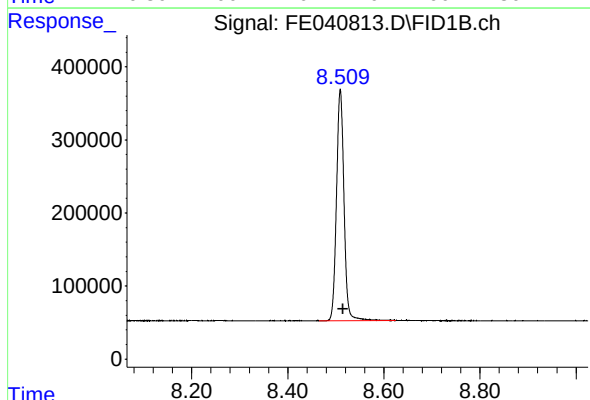
#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.005 min
Response: 3399809
Conc: 22.21 ug/ml



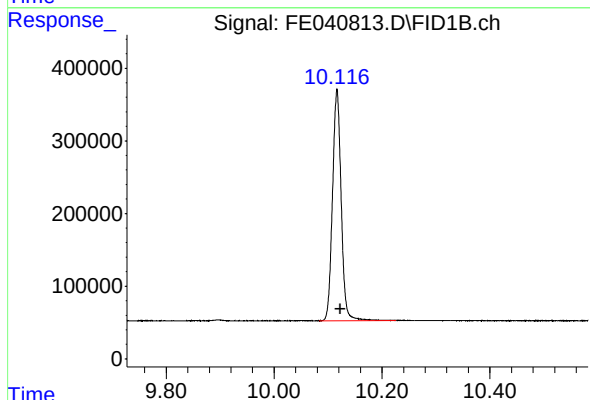
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.316 min
Delta R.T.: -0.012 min
Response: 3420104
Conc: 22.60 ug/ml



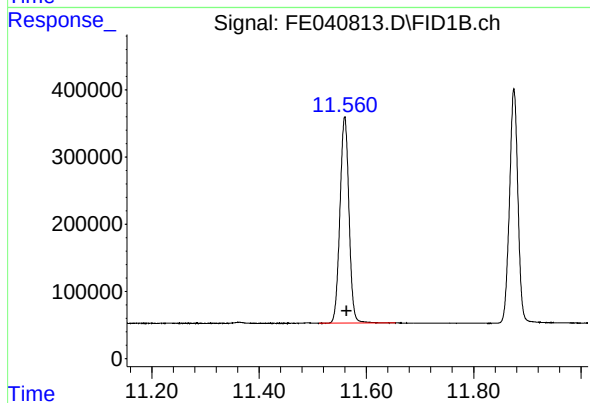
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.006 min
Response: 3435791
Conc: 22.23 ug/ml



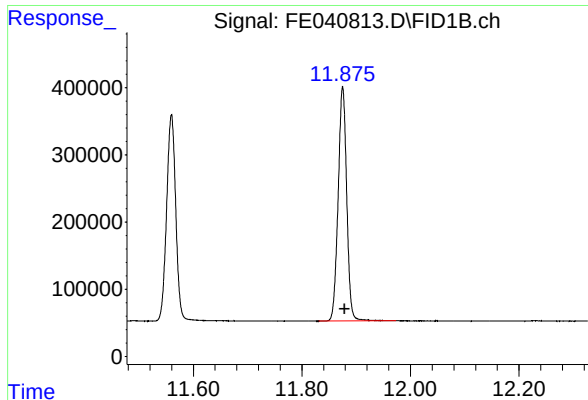
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: -0.006 min
Response: 3548026
Conc: 21.97 ug/ml



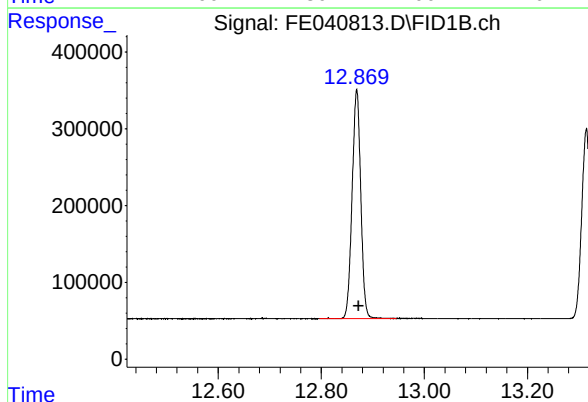
#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: -0.004 min
Response: 3595266
Conc: 21.17 ug/ml



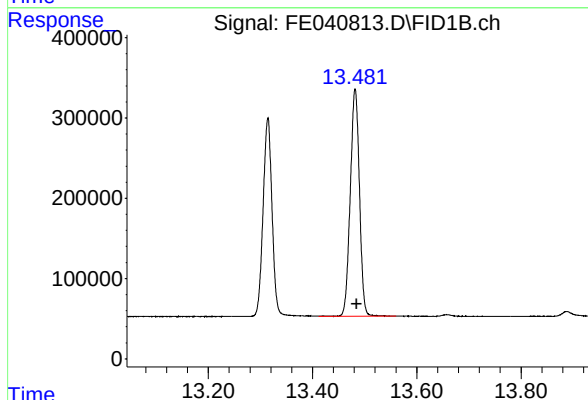
#9 ortho-Terphenyl (SURR)

R.T.: 11.875 min
Delta R.T.: -0.003 min
Response: 3813609
Conc: 20.41 ug/ml



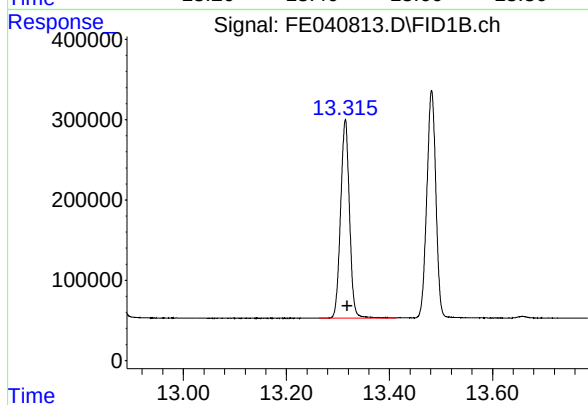
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.004 min
Response: 3468661
Conc: 20.50 ug/ml



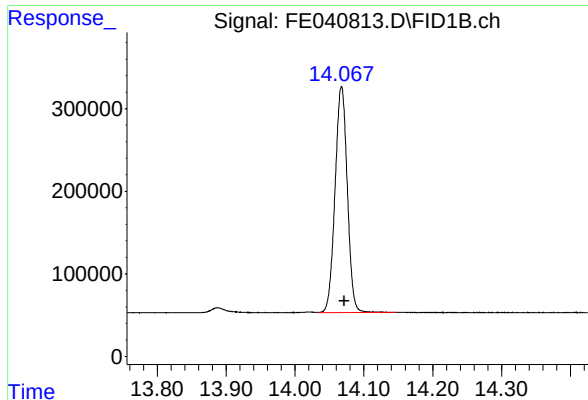
#11 n-Heneicosane (C21)

R.T.: 13.482 min
Delta R.T.: -0.002 min
Response: 3461859
Conc: 20.20 ug/ml



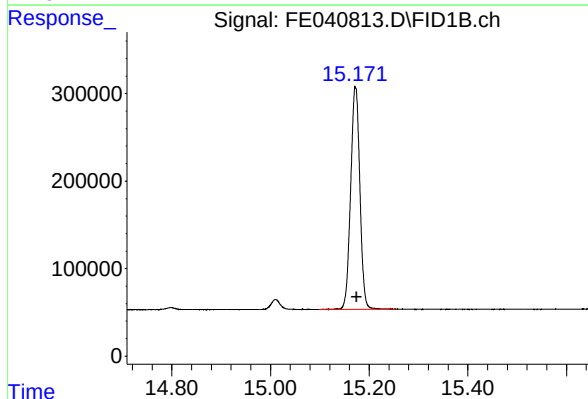
#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min
Delta R.T.: -0.004 min
Response: 2958243
Conc: 19.99 ug/ml



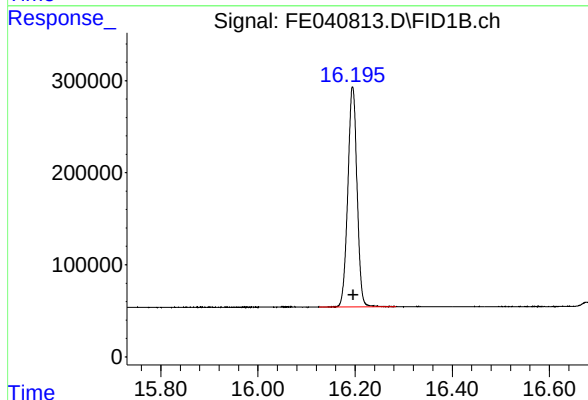
#13 n-Docosane (C22)

R.T.: 14.068 min
Delta R.T.: -0.004 min
Response: 3379045
Conc: 19.72 ug/ml



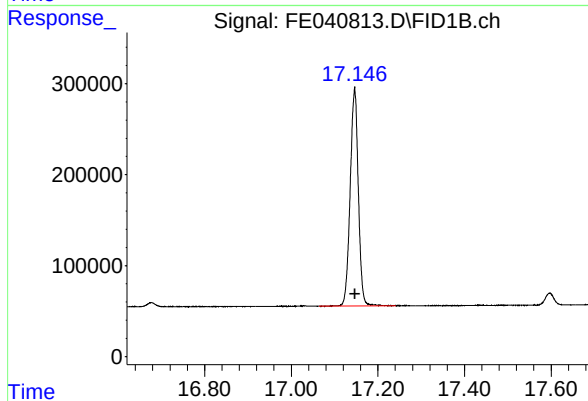
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.002 min
Response: 3296354
Conc: 19.12 ug/ml



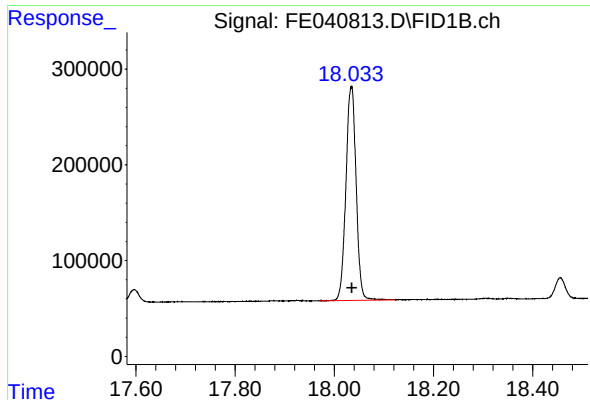
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: -0.002 min
Response: 3155229
Conc: 18.56 ug/ml



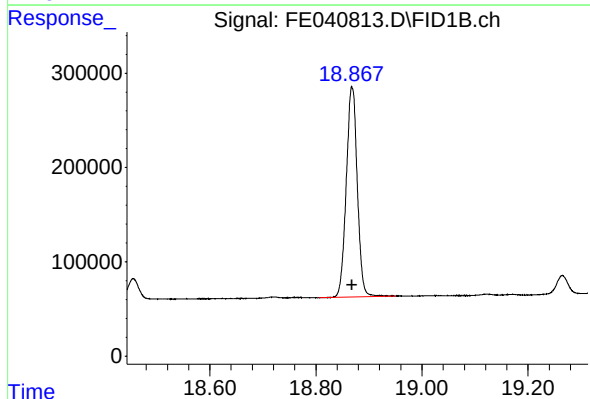
#16 n-Octacosane (C28)

R.T.: 17.147 min
Delta R.T.: 0.000 min
Response: 3129666
Conc: 18.66 ug/ml



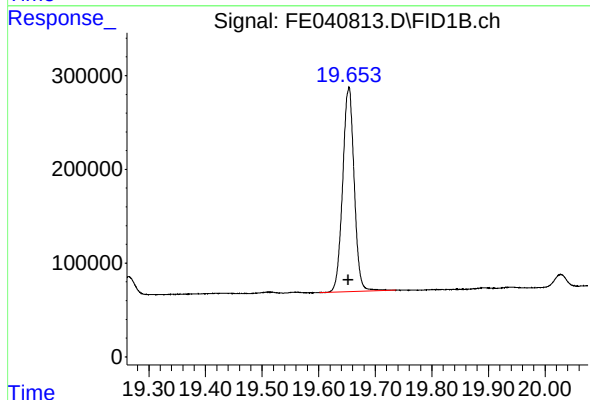
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: -0.001 min
Response: 3191965
Conc: 19.55 ug/ml



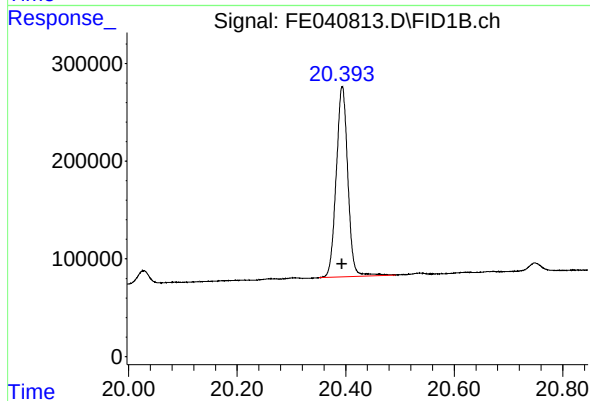
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: 0.000 min
Response: 3215806
Conc: 18.79 ug/ml



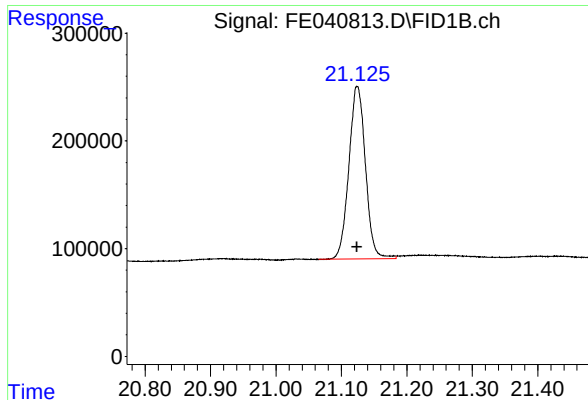
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: 0.002 min
Response: 3082558
Conc: 19.94 ug/ml



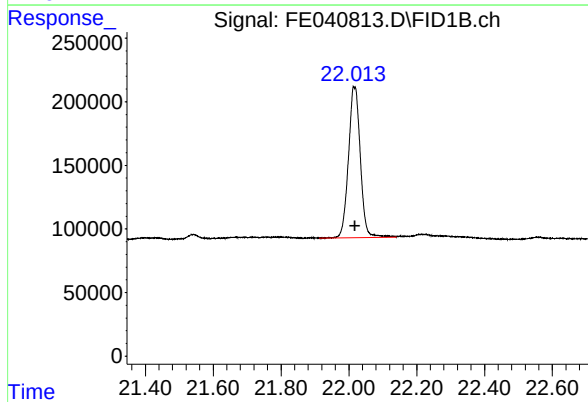
#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: 0.000 min
Response: 2888133
Conc: 19.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: 0.000 min
Response: 2815678
Conc: 20.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: -0.004 min
Response: 2890918
Conc: 18.71 ug/ml