

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030423AL\
 Data File : FE040661.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2023 10:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 03 23:31:18 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)	11.882	3514285	18.812 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
12) S 1-chlorooctadecane (S...	13.320	2728946	18.438 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
Target Compounds			
1) T n-Nonane (C9)	3.277	3114926	20.243 ug/ml
2) T n-Decane (C10)	4.524	3076025	20.446 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3411801	20.569 ug/ml
4) T n-Dodecane (C12)	6.689	3125451	20.416 ug/ml
5) T A~2-methylnaphthalene...	7.322	3157783	20.865 ug/ml
6) T n-Tetradecane (C14)	8.516	3165172	20.479 ug/ml
7) T n-Hexadecane (C16)	10.123	3251091	20.128 ug/ml
8) T n-Octadecane (C18)	11.566	3301304	19.443 ug/ml
10) T n-Eicosane (C20)	12.876	3190614	18.861 ug/ml
11) T n-Heneicosane (C21)	13.488	3190588	18.619 ug/ml
13) T n-Docosane (C22)	14.074	3141099	18.335 ug/ml
14) T n-Tetracosane (C24)	15.179	3065690	17.783 ug/ml
15) T n-Hexacosane (C26)	16.200	2954631	17.384 ug/ml
16) T n-Octacosane (C28)	17.152	2916113	17.388 ug/ml
17) T n-Tricontane (C30)	18.041	2937643	17.991 ug/ml
18) T n-Dotriacontane (C32)	18.874	2959660	17.293 ug/ml
19) T n-Tetratriacontane (C34)	19.659	2852714	18.451 ug/ml
20) T n-Hexatriacontane (C36)	20.400	2654542	18.272 ug/ml
21) T n-Octatriacontane (C38)	21.130	2655623	19.320 ug/ml
22) T n-Tetracontane (C40)	22.026	2802656	18.138 ug/ml

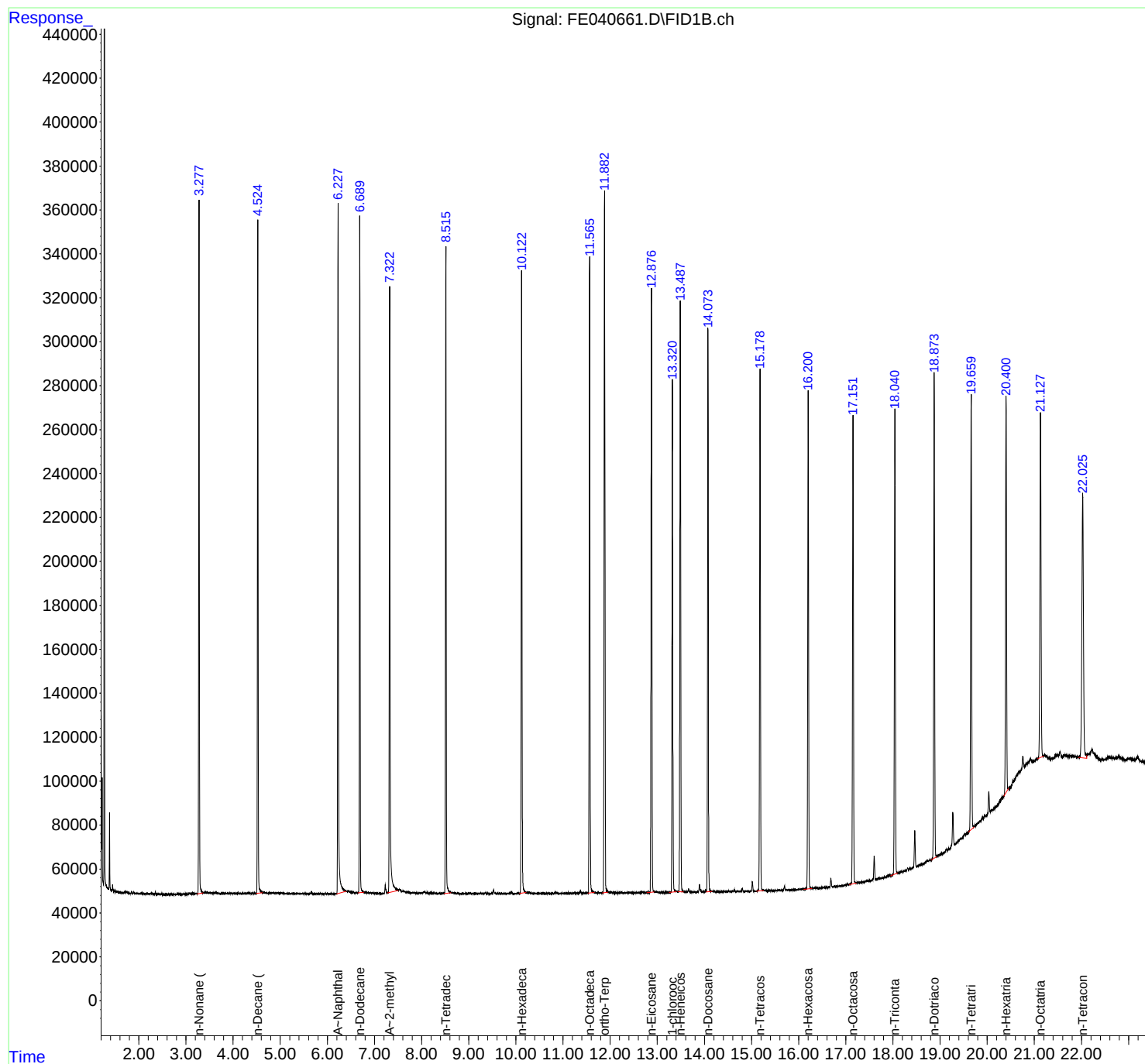
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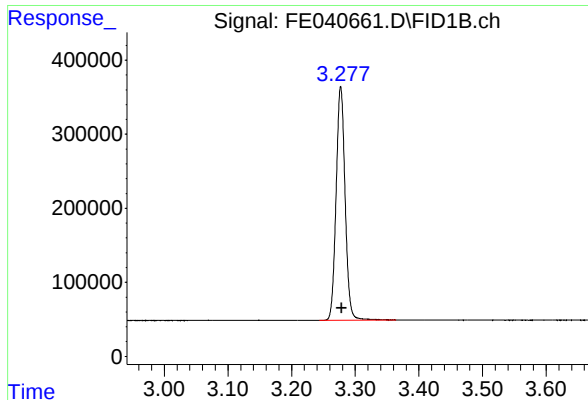
(m)=manual int.

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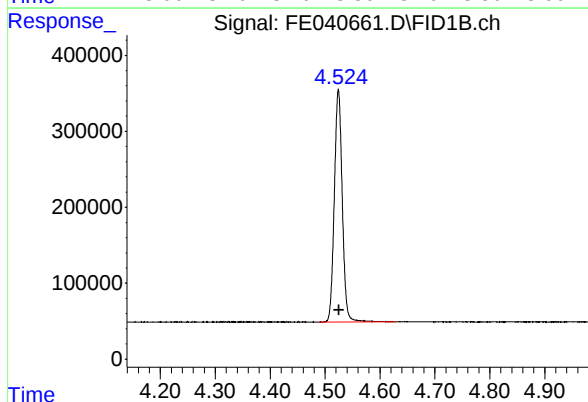
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





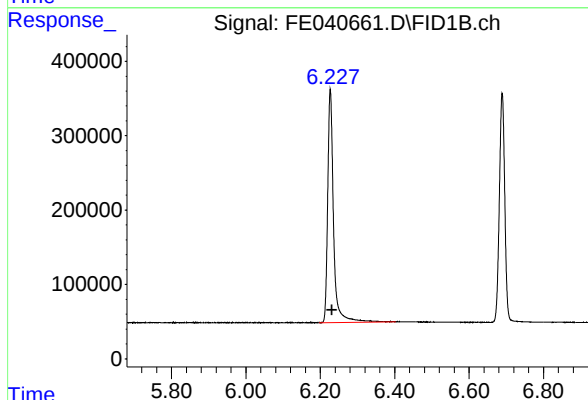
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 3114926
Conc: 20.24 ug/ml



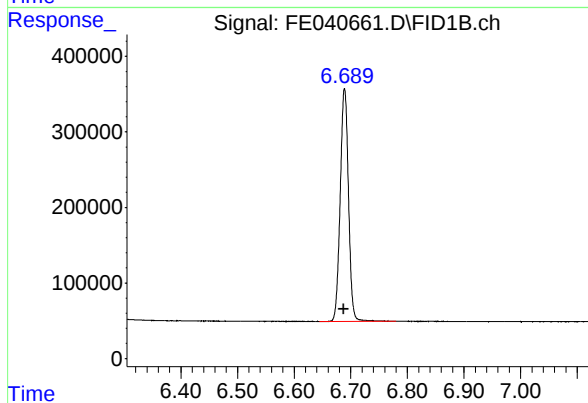
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 3076025
Conc: 20.45 ug/ml



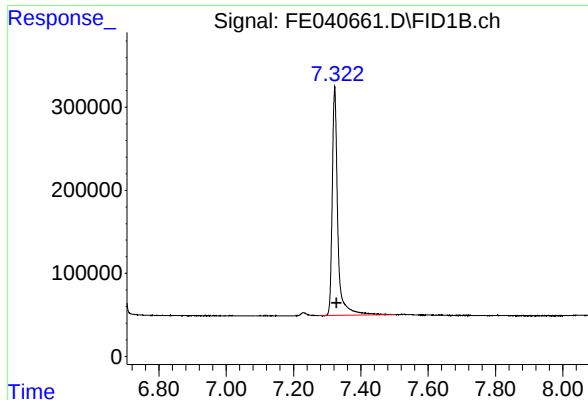
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.004 min
Response: 3411801
Conc: 20.57 ug/ml



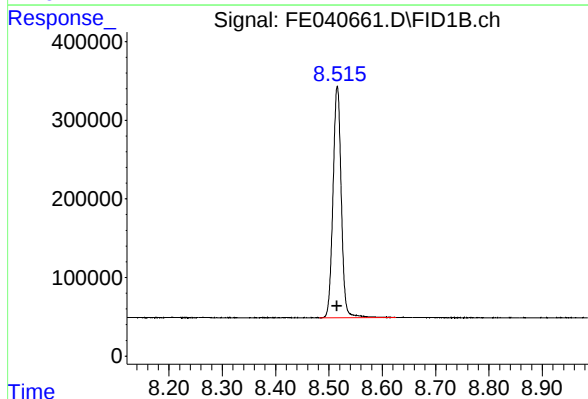
#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.001 min
Response: 3125451
Conc: 20.42 ug/ml



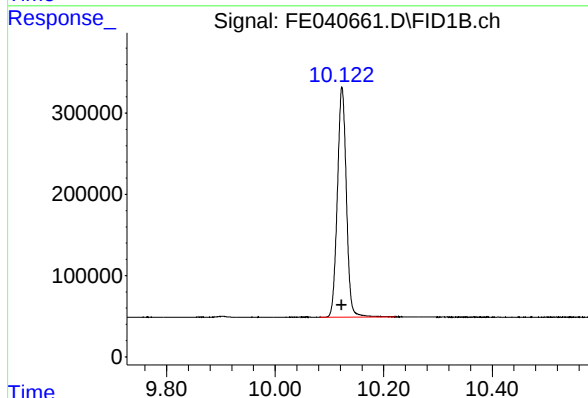
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.322 min
Delta R.T.: -0.006 min
Response: 3157783
Conc: 20.86 ug/ml



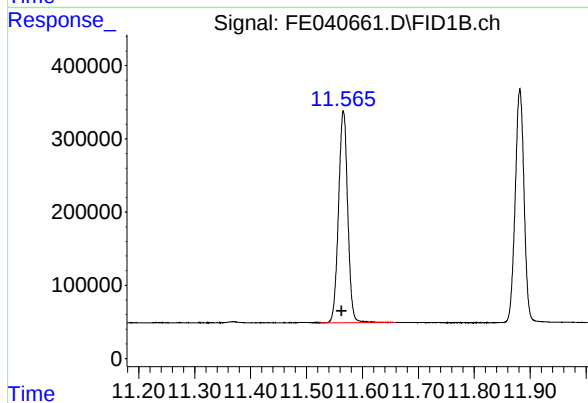
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 3165172
Conc: 20.48 ug/ml



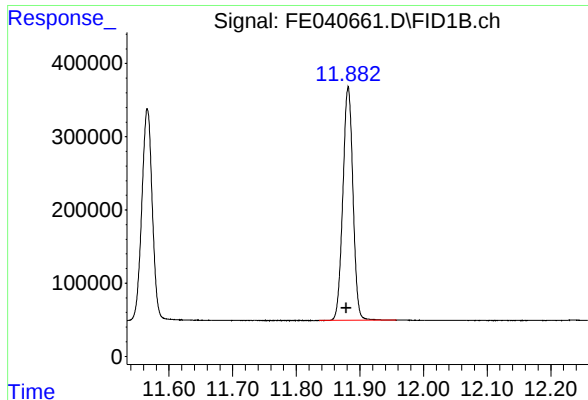
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: 0.000 min
Response: 3251091
Conc: 20.13 ug/ml



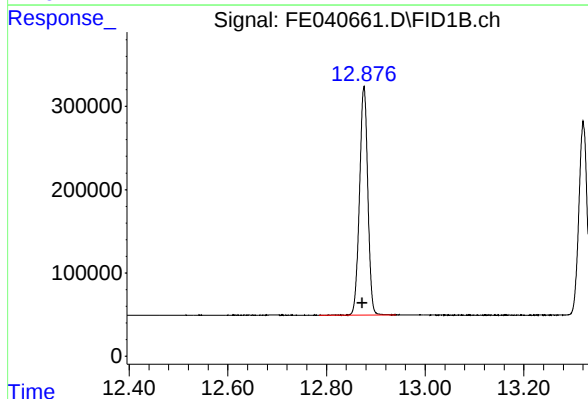
#8 n-Octadecane (C18)

R.T.: 11.566 min
Delta R.T.: 0.003 min
Response: 3301304
Conc: 19.44 ug/ml



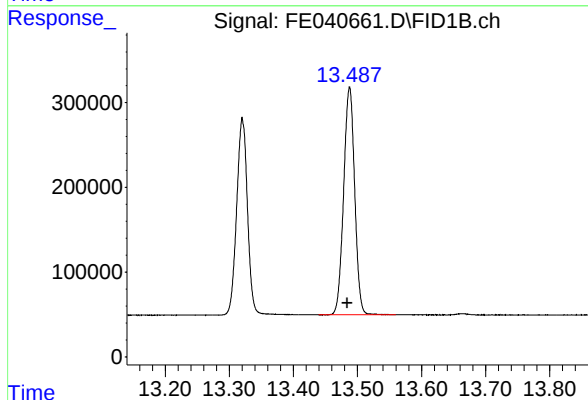
#9 ortho-Terphenyl (SURR)

R.T.: 11.882 min
Delta R.T.: 0.003 min
Response: 3514285
Conc: 18.81 ug/ml



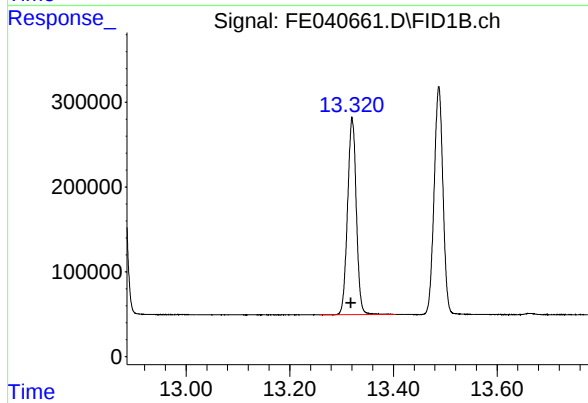
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: 0.003 min
Response: 3190614
Conc: 18.86 ug/ml



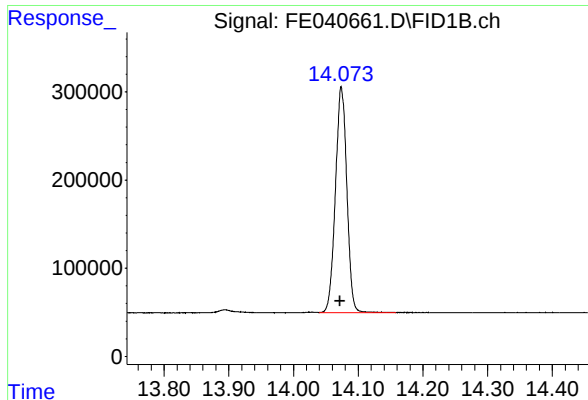
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: 0.004 min
Response: 3190588
Conc: 18.62 ug/ml



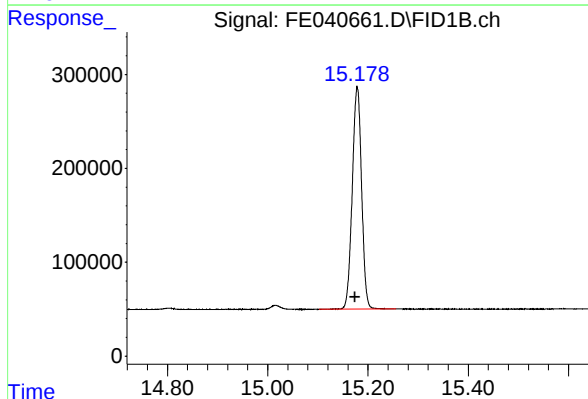
#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: 0.002 min
Response: 2728946
Conc: 18.44 ug/ml



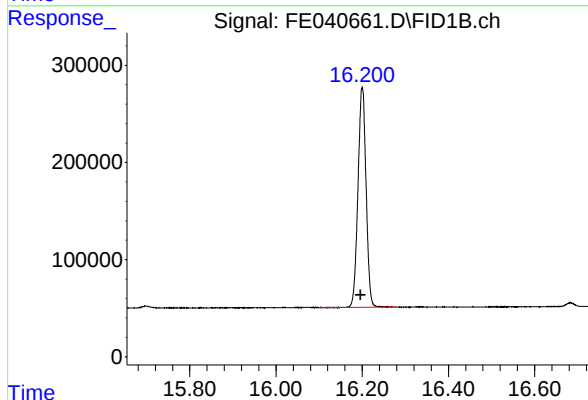
#13 n-Docosane (C22)

R.T.: 14.074 min
Delta R.T.: 0.002 min
Response: 3141099
Conc: 18.34 ug/ml



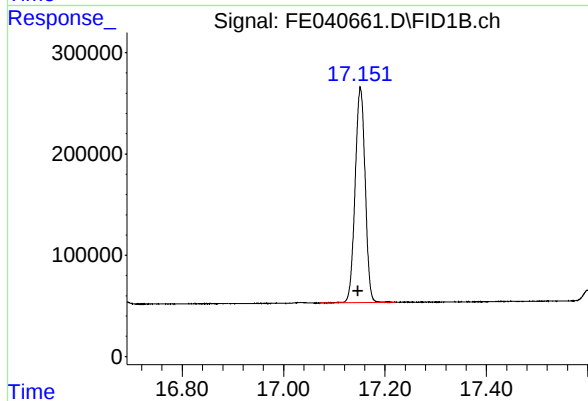
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: 0.004 min
Response: 3065690
Conc: 17.78 ug/ml



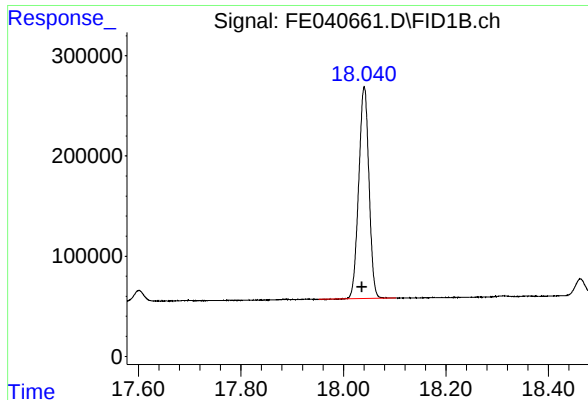
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: 0.004 min
Response: 2954631
Conc: 17.38 ug/ml



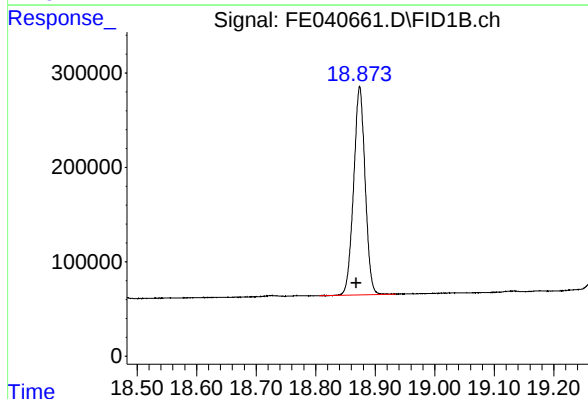
#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: 0.004 min
Response: 2916113
Conc: 17.39 ug/ml



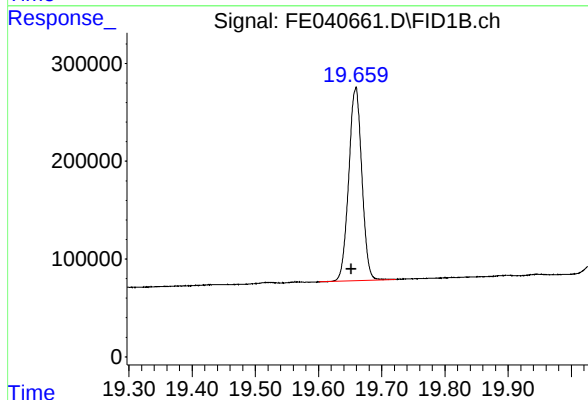
#17 n-Tricontane (C30)

R.T.: 18.041 min
Delta R.T.: 0.005 min
Response: 2937643
Conc: 17.99 ug/ml



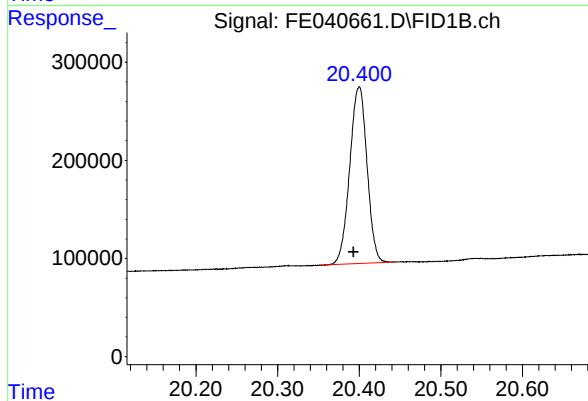
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: 0.006 min
Response: 2959660
Conc: 17.29 ug/ml



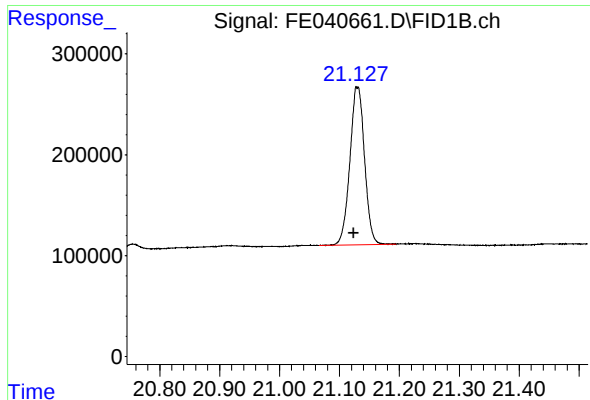
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: 0.007 min
Response: 2852714
Conc: 18.45 ug/ml



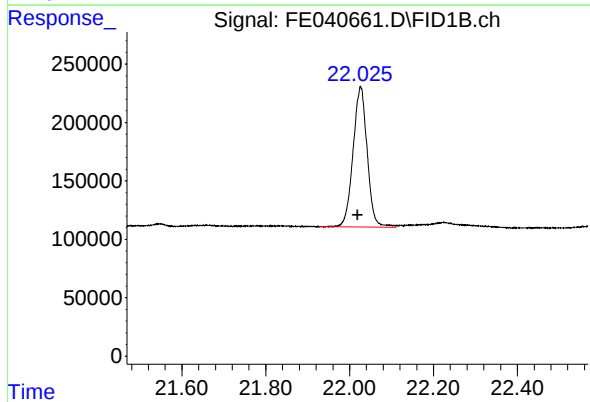
#20 n-Hexatriacontane (C36)

R.T.: 20.400 min
Delta R.T.: 0.007 min
Response: 2654542
Conc: 18.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: 0.006 min
Response: 2655623
Conc: 19.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.026 min
Delta R.T.: 0.008 min
Response: 2802656
Conc: 18.14 ug/ml