

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030423AL\
 Data File : FE040668.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2023 14:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 03 23:32:15 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	3527313	18.882 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	13.320	2735852	18.485 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
Target Compounds			
1) T n-Nonane (C9)	3.277	3165528	20.572 ug/ml
2) T n-Decane (C10)	4.524	3125372	20.774 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3455263	20.831 ug/ml
4) T n-Dodecane (C12)	6.688	3191002	20.844 ug/ml
5) T A~2-methylnaphthalene...	7.322	3205001	21.177 ug/ml
6) T n-Tetradecane (C14)	8.515	3214460	20.798 ug/ml
7) T n-Hexadecane (C16)	10.123	3306109	20.469 ug/ml
8) T n-Octadecane (C18)	11.566	3331333	19.620 ug/ml
10) T n-Eicosane (C20)	12.876	3218151	19.023 ug/ml
11) T n-Heneicosane (C21)	13.488	3197137	18.657 ug/ml
13) T n-Docosane (C22)	14.075	3139304	18.325 ug/ml
14) T n-Tetracosane (C24)	15.179	3051158	17.699 ug/ml
15) T n-Hexacosane (C26)	16.201	2921939	17.192 ug/ml
16) T n-Octacosane (C28)	17.152	2885899	17.208 ug/ml
17) T n-Tricontane (C30)	18.041	2939979	18.005 ug/ml
18) T n-Dotriacontane (C32)	18.873	2972544	17.368 ug/ml
19) T n-Tetratriacontane (C34)	19.659	2842677	18.386 ug/ml
20) T n-Hexatriacontane (C36)	20.399	2714408	18.684 ug/ml
21) T n-Octatriacontane (C38)	21.130	2701367	19.652 ug/ml
22) T n-Tetracontane (C40)	22.025	2945642	19.063 ug/ml

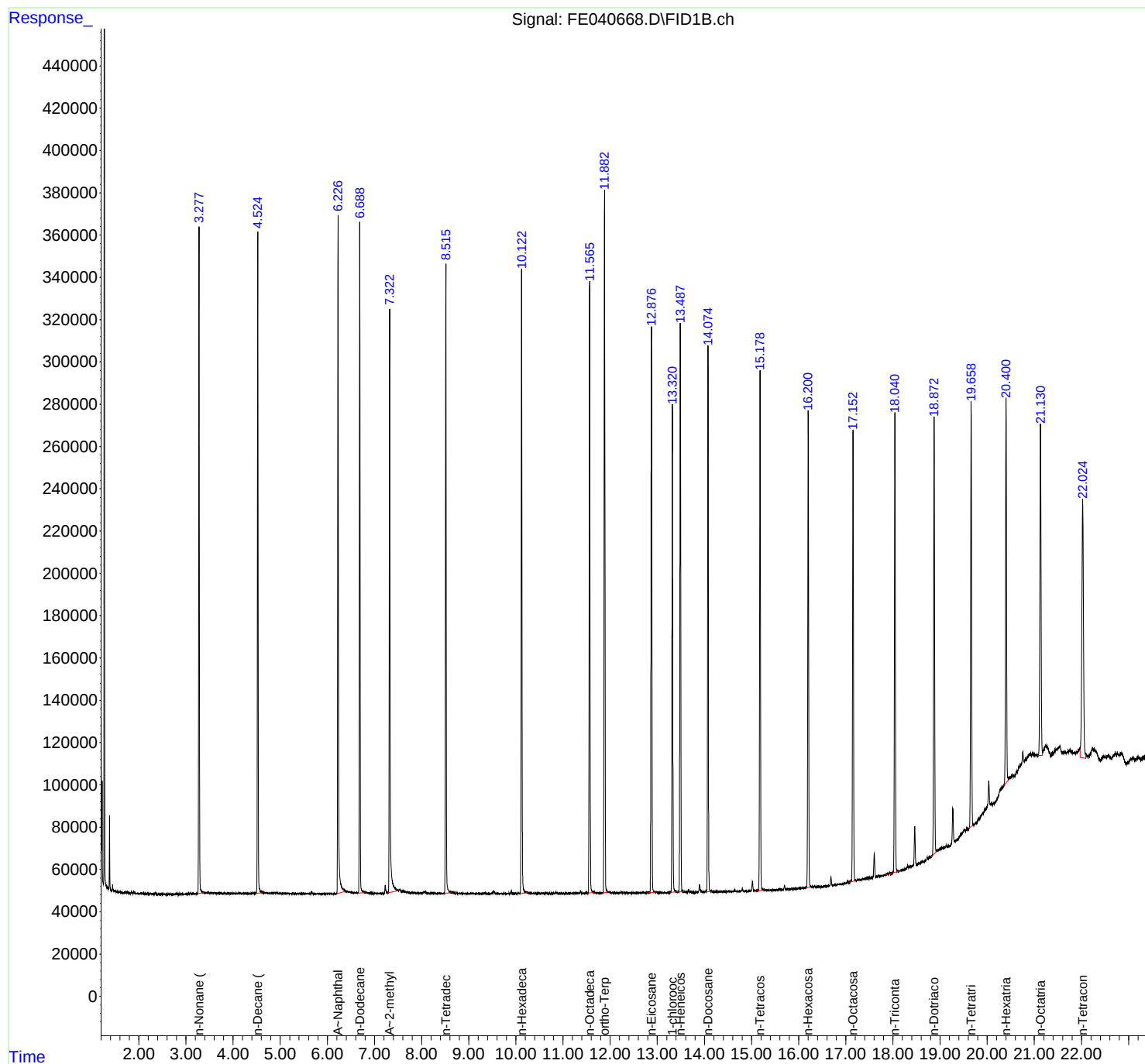
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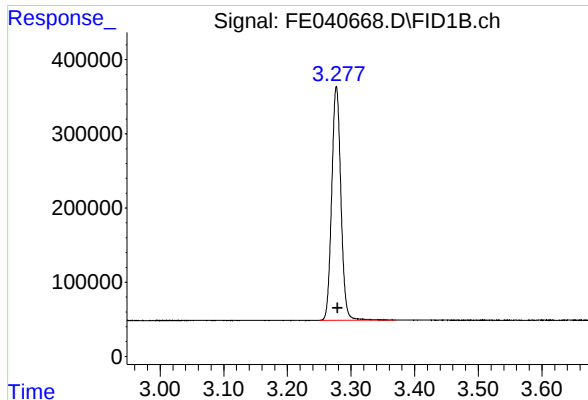
(m)=manual int.

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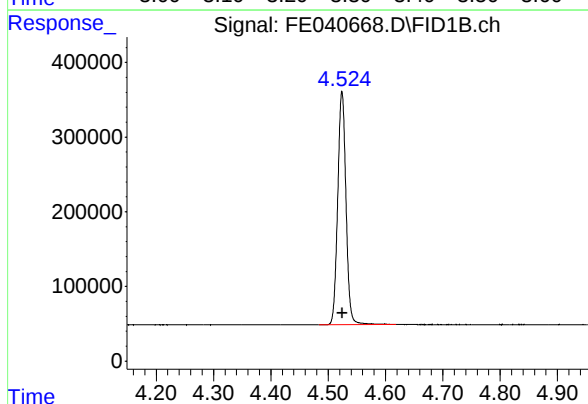
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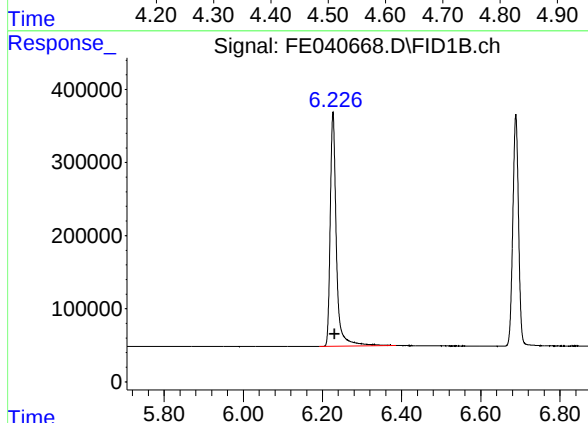
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 3165528
Conc: 20.57 ug/ml



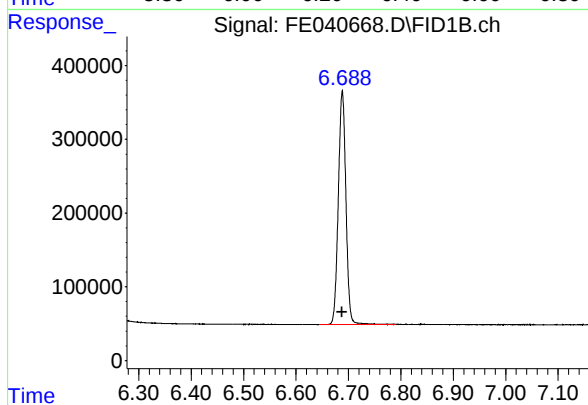
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 3125372
Conc: 20.77 ug/ml



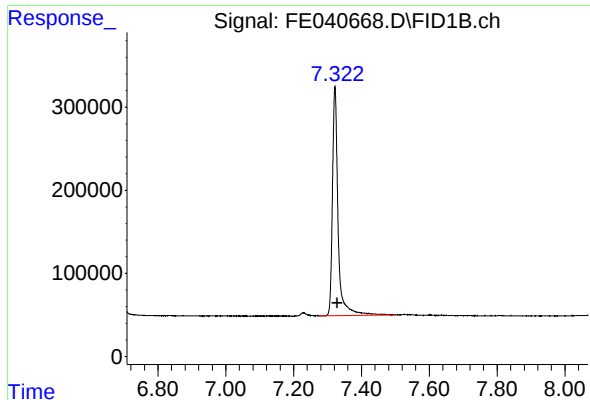
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.005 min
Response: 3455263
Conc: 20.83 ug/ml



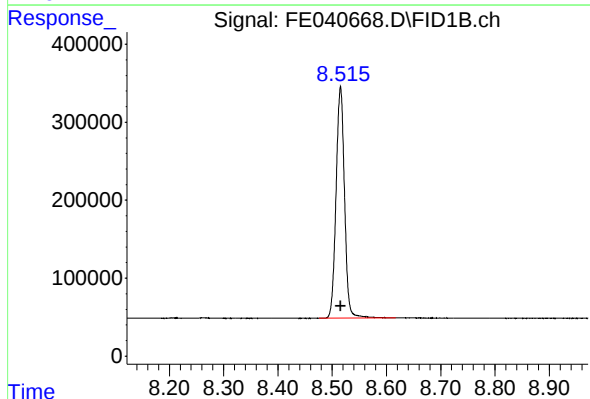
#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 3191002
Conc: 20.84 ug/ml



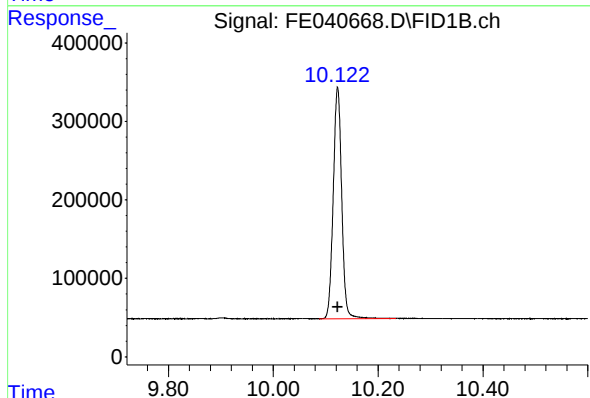
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.322 min
Delta R.T.: -0.007 min
Response: 3205001
Conc: 21.18 ug/ml



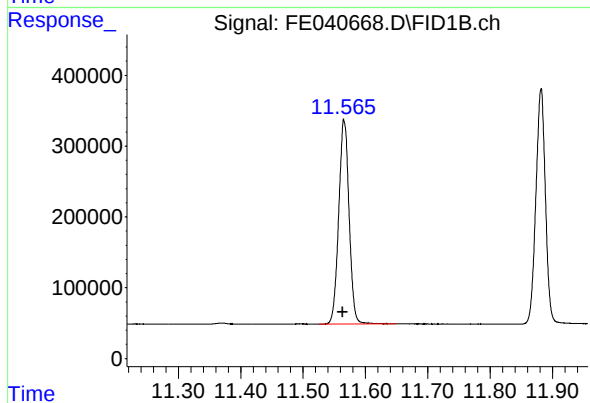
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 3214460
Conc: 20.80 ug/ml



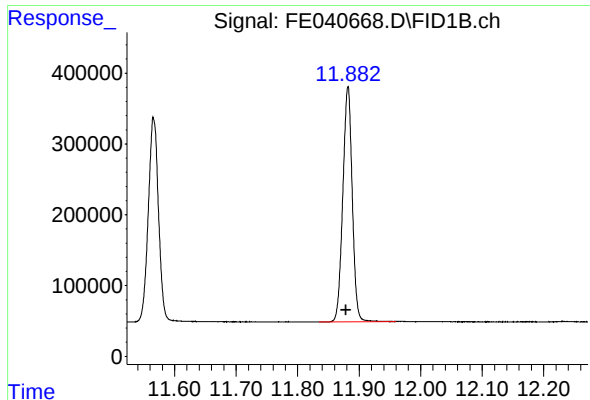
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: 0.000 min
Response: 3306109
Conc: 20.47 ug/ml



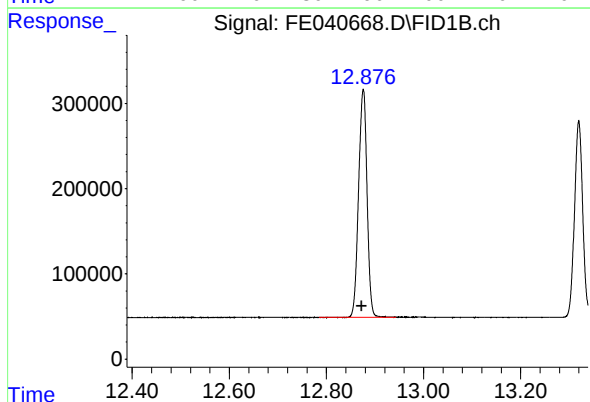
#8 n-Octadecane (C18)

R.T.: 11.566 min
Delta R.T.: 0.002 min
Response: 3331333
Conc: 19.62 ug/ml



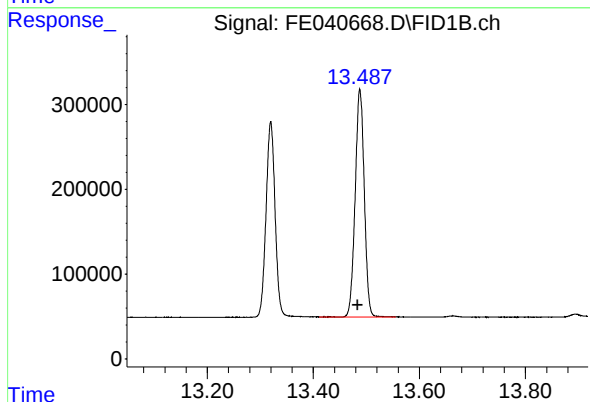
#9 ortho-Terphenyl (SURR)

R.T.: 11.882 min
Delta R.T.: 0.003 min
Response: 3527313
Conc: 18.88 ug/ml



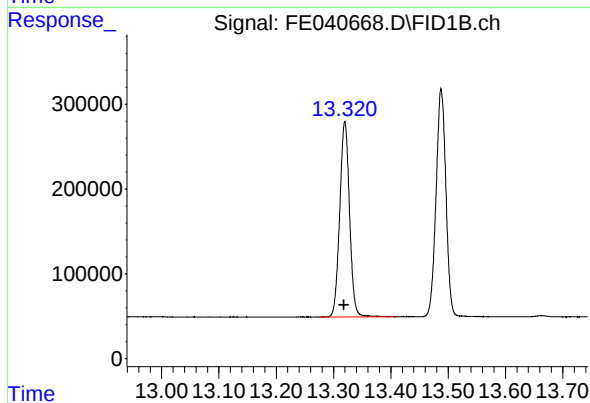
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: 0.003 min
Response: 3218151
Conc: 19.02 ug/ml



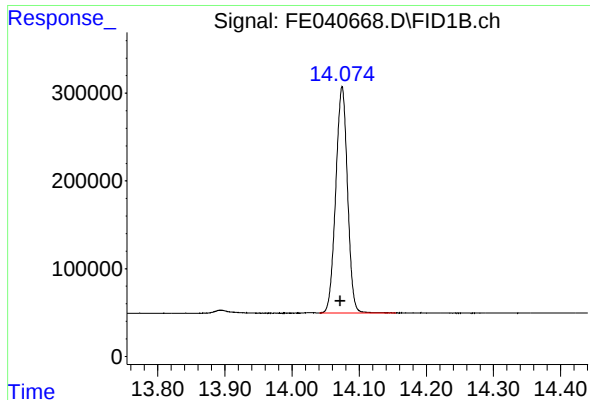
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: 0.004 min
Response: 3197137
Conc: 18.66 ug/ml



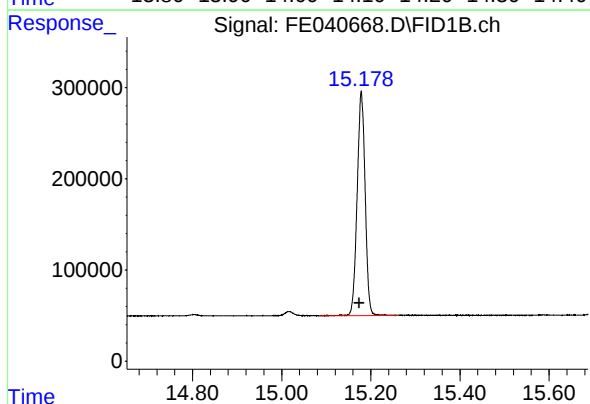
#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: 0.002 min
Response: 2735852
Conc: 18.48 ug/ml



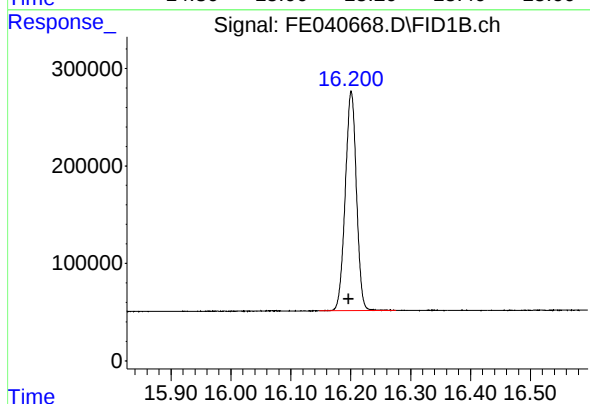
#13 n-Docosane (C22)

R.T.: 14.075 min
Delta R.T.: 0.003 min
Response: 3139304
Conc: 18.32 ug/ml



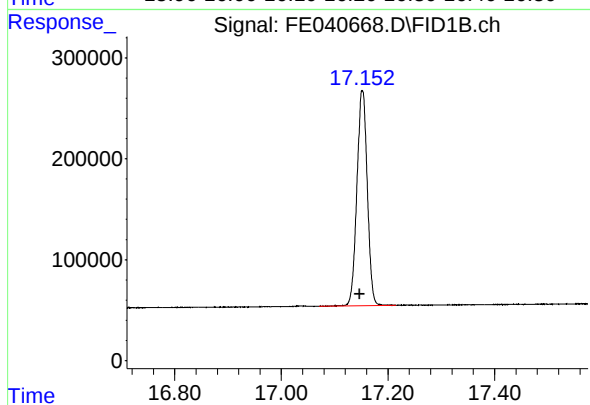
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: 0.004 min
Response: 3051158
Conc: 17.70 ug/ml



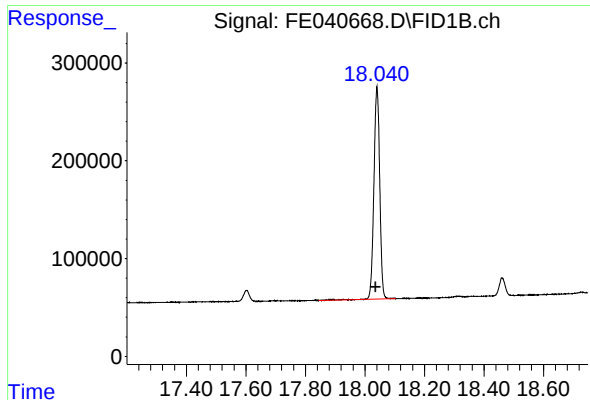
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: 0.004 min
Response: 2921939
Conc: 17.19 ug/ml



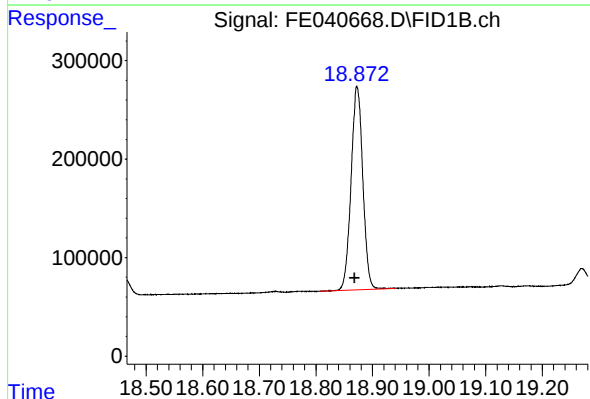
#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: 0.005 min
Response: 2885899
Conc: 17.21 ug/ml



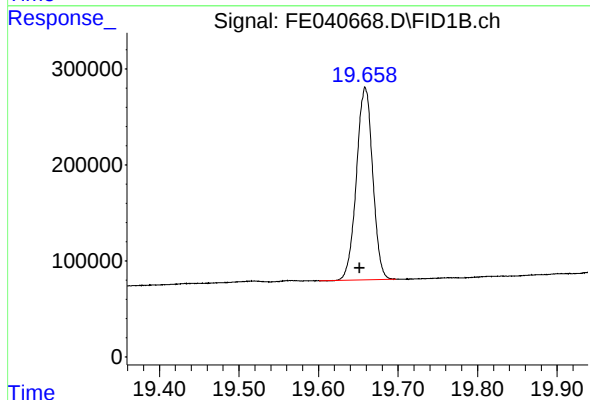
#17 n-Tricontane (C30)

R.T.: 18.041 min
Delta R.T.: 0.005 min
Response: 2939979
Conc: 18.01 ug/ml



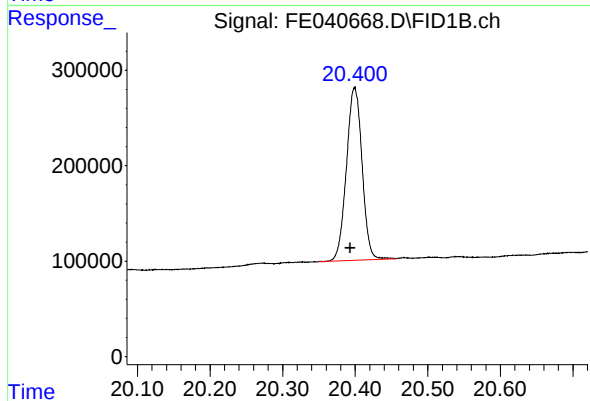
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: 0.004 min
Response: 2972544
Conc: 17.37 ug/ml



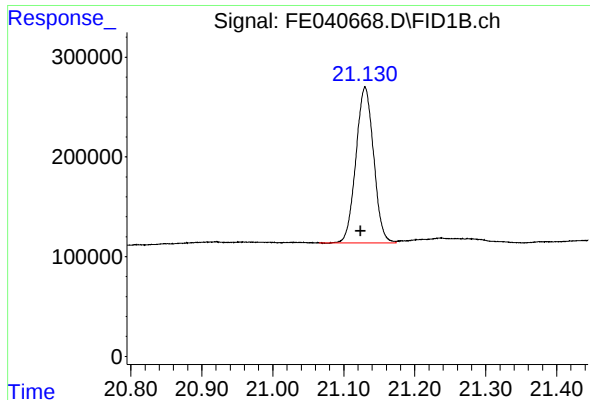
#19 n-Tetatriacontane (C34)

R.T.: 19.659 min
Delta R.T.: 0.007 min
Response: 2842677
Conc: 18.39 ug/ml



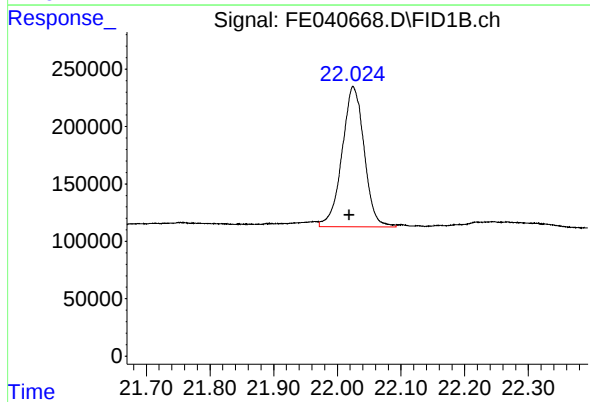
#20 n-Hexatriacontane (C36)

R.T.: 20.399 min
Delta R.T.: 0.006 min
Response: 2714408
Conc: 18.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: 0.006 min
Response: 2701367
Conc: 19.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.025 min
Delta R.T.: 0.006 min
Response: 2945642
Conc: 19.06 ug/ml