

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030423AL\
 Data File : FE040684.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2023 22:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 03 23:34:38 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)	11.885	3493440	18.700 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
12) S 1-chlorooctadecane (S...	13.325	2704241	18.271 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
Target Compounds			
1) T n-Nonane (C9)	3.278	3190244	20.733 ug/ml
2) T n-Decane (C10)	4.525	3143973	20.898 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3460536	20.863 ug/ml
4) T n-Dodecane (C12)	6.690	3188232	20.826 ug/ml
5) T A~2-methylnaphthalene...	7.324	3222265	21.291 ug/ml
6) T n-Tetradecane (C14)	8.517	3207123	20.751 ug/ml
7) T n-Hexadecane (C16)	10.125	3281024	20.313 ug/ml
8) T n-Octadecane (C18)	11.568	3316398	19.532 ug/ml
10) T n-Eicosane (C20)	12.879	3185771	18.832 ug/ml
11) T n-Heneicosane (C21)	13.491	3159703	18.439 ug/ml
13) T n-Docosane (C22)	14.078	3097898	18.083 ug/ml
14) T n-Tetracosane (C24)	15.182	3016367	17.497 ug/ml
15) T n-Hexacosane (C26)	16.204	2895306	17.035 ug/ml
16) T n-Octacosane (C28)	17.156	2809402	16.752 ug/ml
17) T n-Tricontane (C30)	18.045	2991472	18.321 ug/ml
18) T n-Dotriacontane (C32)	18.879	3076952	17.978 ug/ml
19) T n-Tetratriacontane (C34)	19.664	2853984	18.459 ug/ml
20) T n-Hexatriacontane (C36)	20.406	2801855	19.286 ug/ml
21) T n-Octatriacontane (C38)	21.139	2928749	21.307 ug/ml
22) T n-Tetracontane (C40)	22.037	3296494	21.334 ug/ml

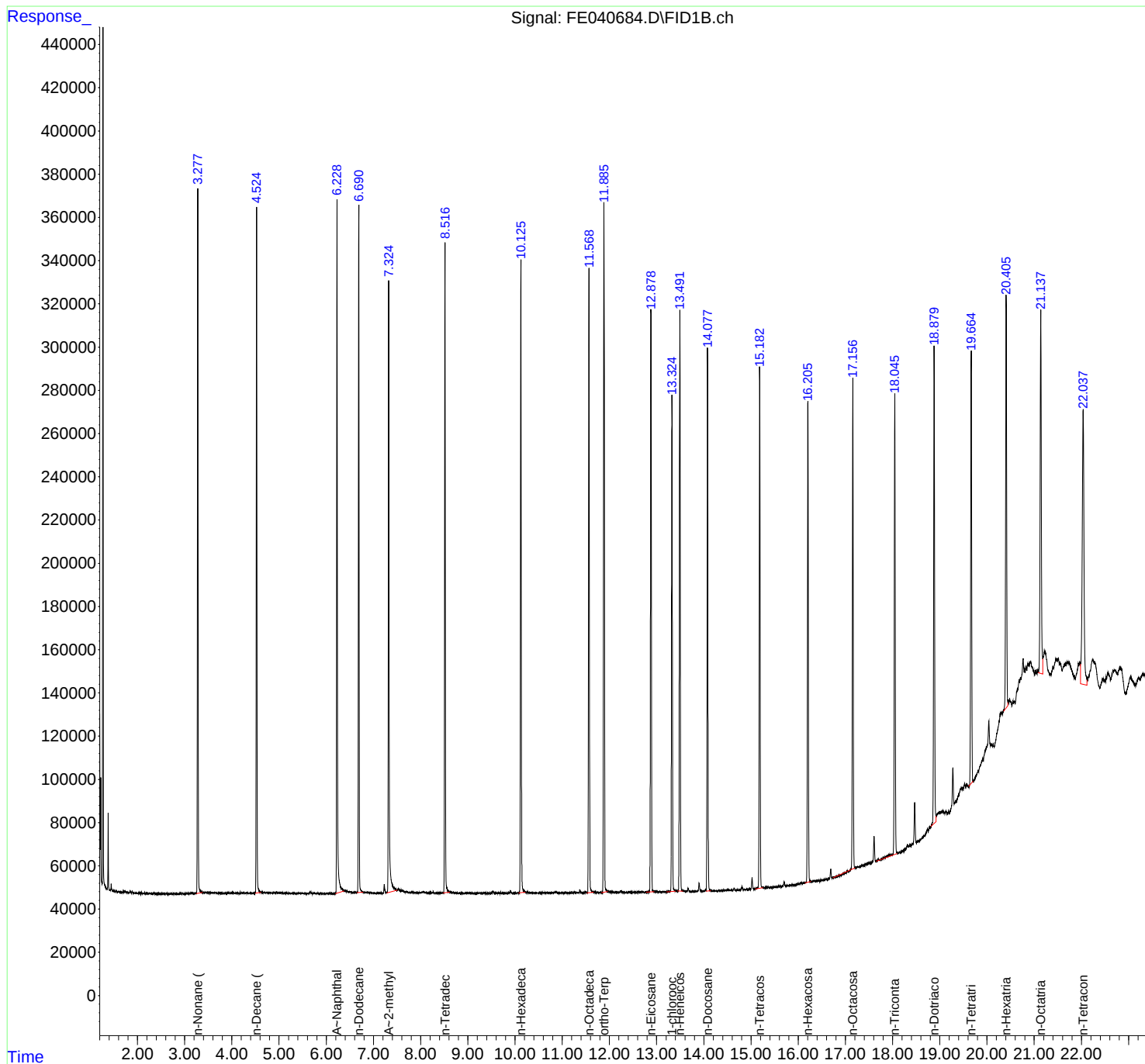
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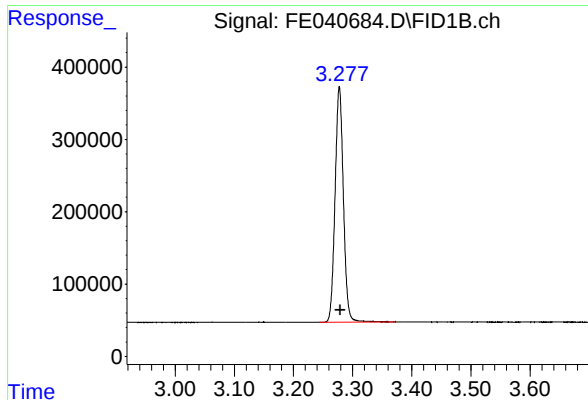
(m)=manual int.

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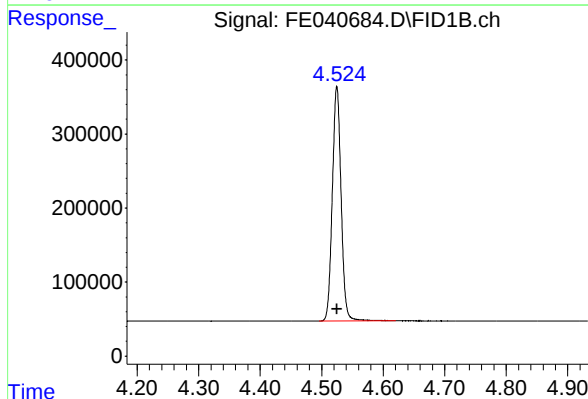
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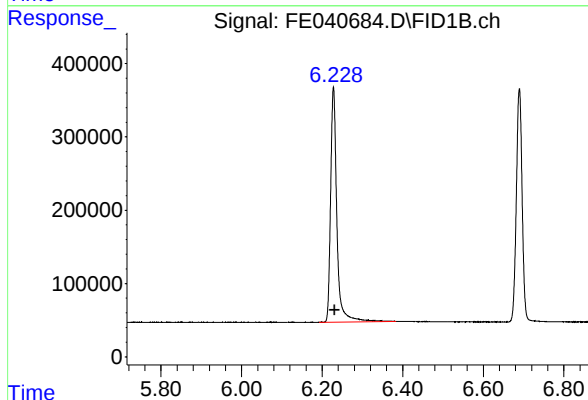
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.001 min
Response: 3190244
Conc: 20.73 ug/ml



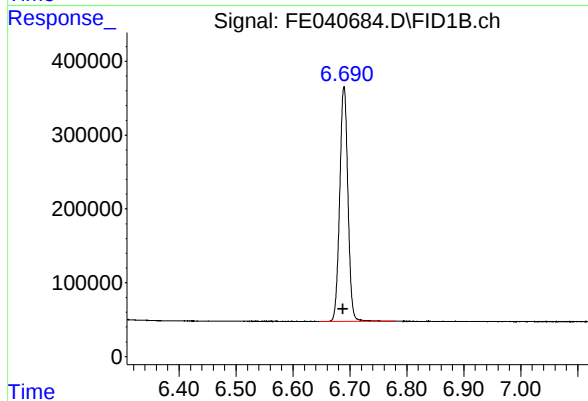
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 3143973
Conc: 20.90 ug/ml



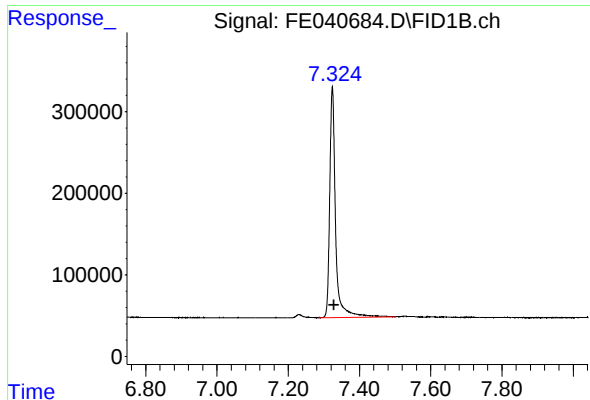
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 3460536
Conc: 20.86 ug/ml



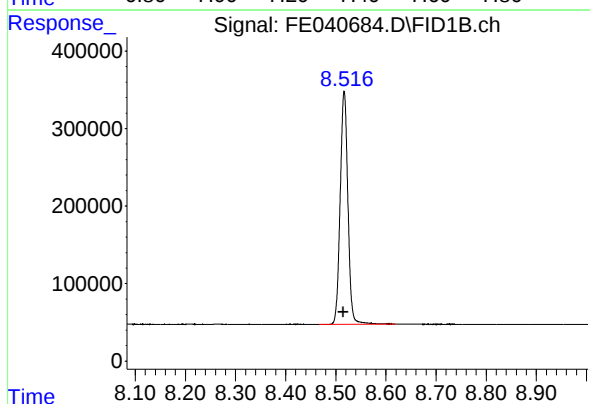
#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: 0.002 min
Response: 3188232
Conc: 20.83 ug/ml



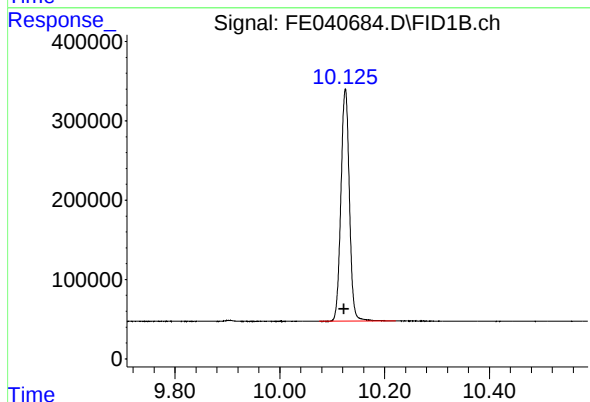
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.324 min
Delta R.T.: -0.005 min
Response: 3222265
Conc: 21.29 ug/ml



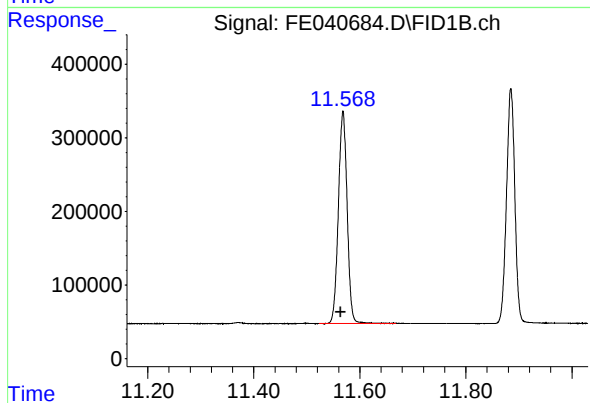
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.001 min
Response: 3207123
Conc: 20.75 ug/ml



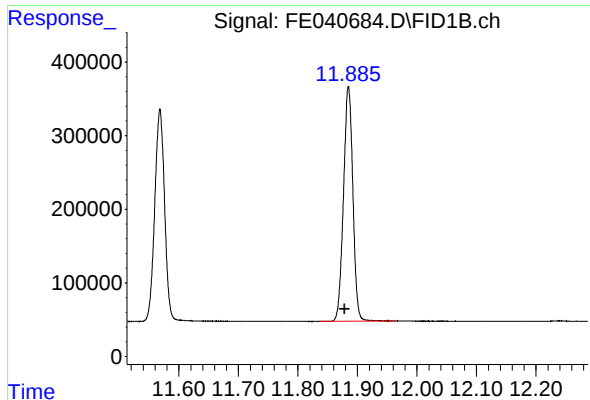
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: 0.003 min
Response: 3281024
Conc: 20.31 ug/ml



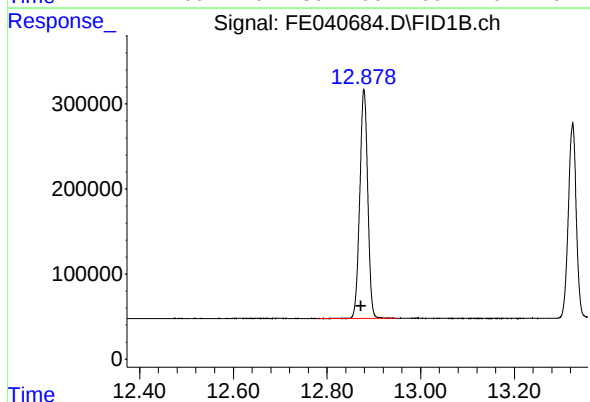
#8 n-Octadecane (C18)

R.T.: 11.568 min
Delta R.T.: 0.005 min
Response: 3316398
Conc: 19.53 ug/ml



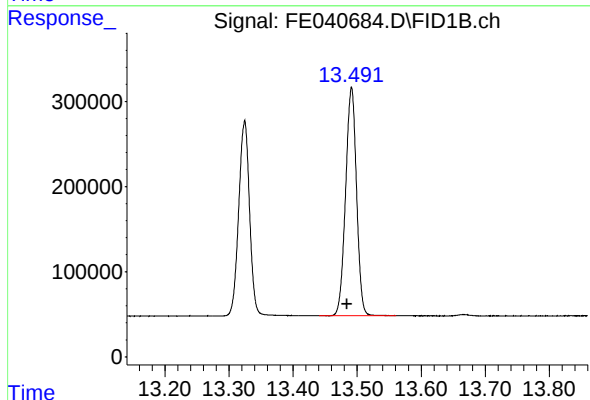
#9 ortho-Terphenyl (SURR)

R.T.: 11.885 min
Delta R.T.: 0.006 min
Response: 3493440
Conc: 18.70 ug/ml



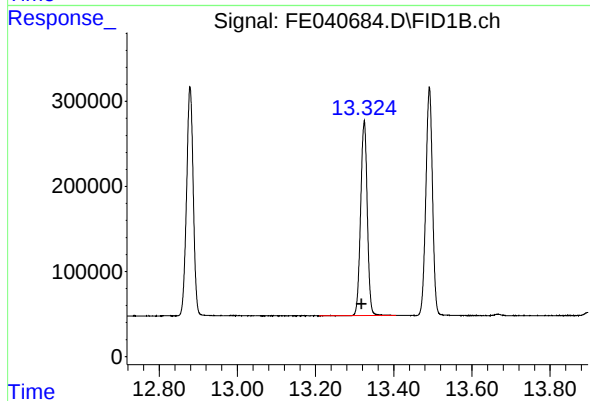
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: 0.006 min
Response: 3185771
Conc: 18.83 ug/ml



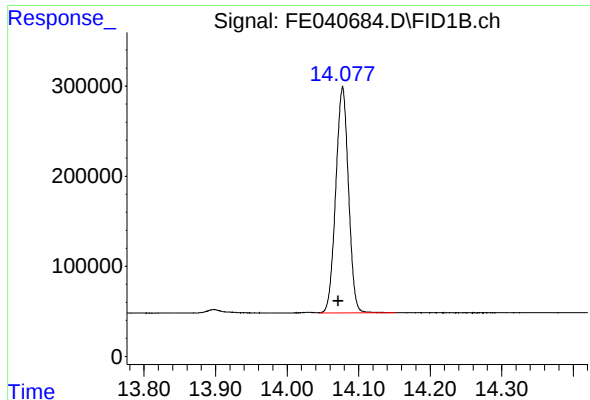
#11 n-Heneicosane (C21)

R.T.: 13.491 min
Delta R.T.: 0.007 min
Response: 3159703
Conc: 18.44 ug/ml



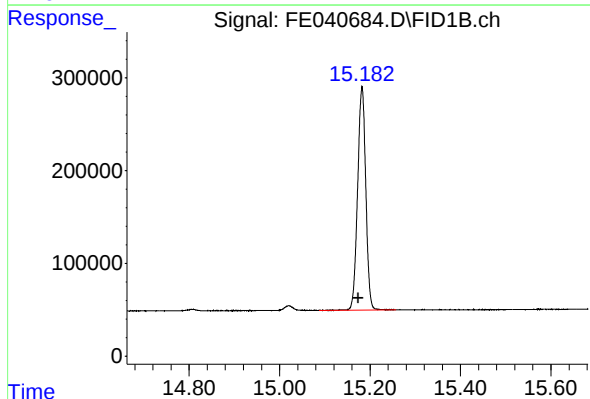
#12 1-chlorooctadecane (SURR)

R.T.: 13.325 min
Delta R.T.: 0.007 min
Response: 2704241
Conc: 18.27 ug/ml



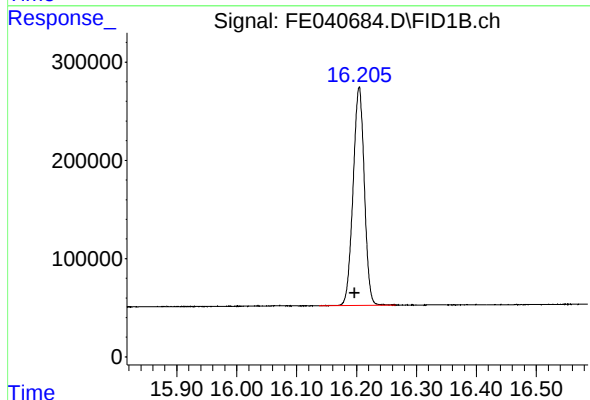
#13 n-Docosane (C22)

R.T.: 14.078 min
Delta R.T.: 0.006 min
Response: 3097898
Conc: 18.08 ug/ml



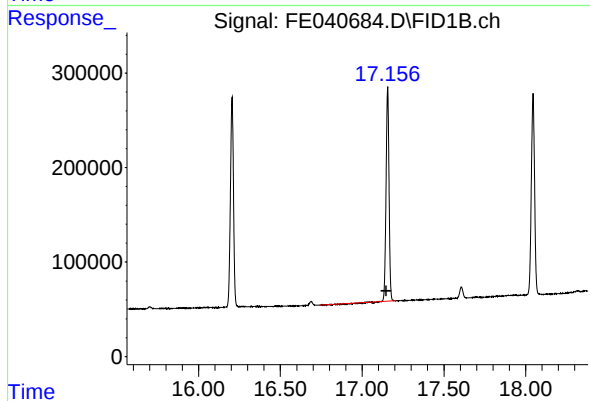
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: 0.008 min
Response: 3016367
Conc: 17.50 ug/ml



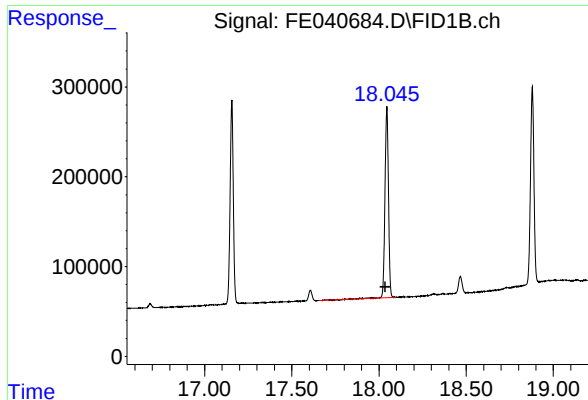
#15 n-Hexacosane (C26)

R.T.: 16.204 min
Delta R.T.: 0.008 min
Response: 2895306
Conc: 17.04 ug/ml



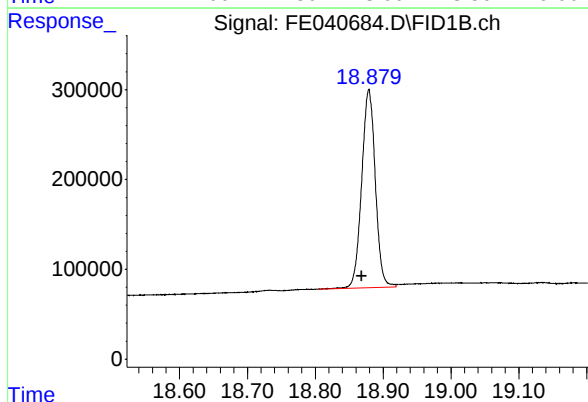
#16 n-Octacosane (C28)

R.T.: 17.156 min
Delta R.T.: 0.009 min
Response: 2809402
Conc: 16.75 ug/ml



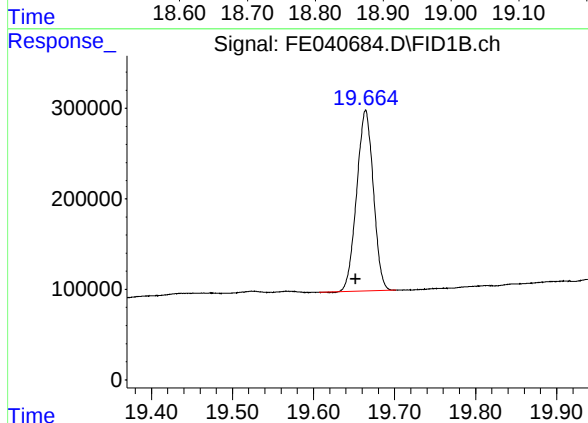
#17 n-Tricontane (C30)

R.T.: 18.045 min
Delta R.T.: 0.009 min
Response: 2991472
Conc: 18.32 ug/ml



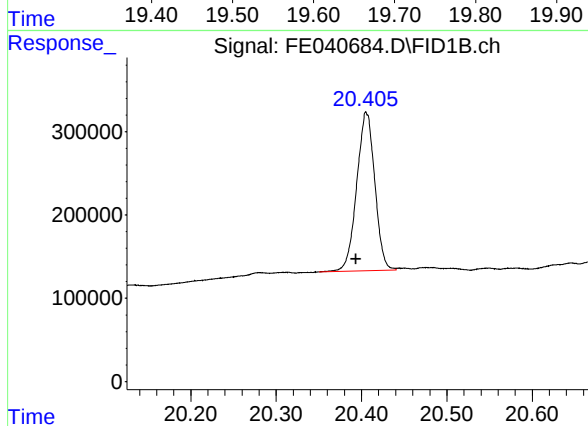
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: 0.011 min
Response: 3076952
Conc: 17.98 ug/ml



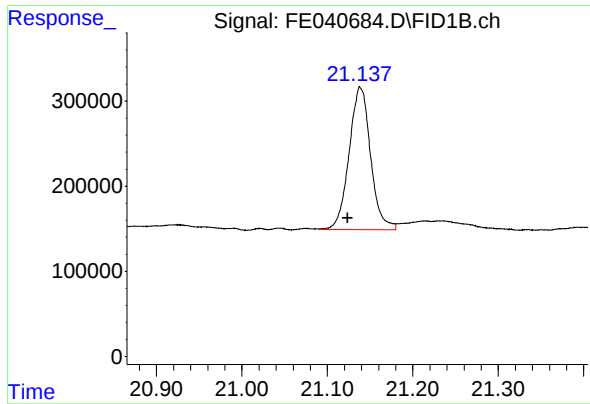
#19 n-Tetratriacontane (C34)

R.T.: 19.664 min
Delta R.T.: 0.012 min
Response: 2853984
Conc: 18.46 ug/ml



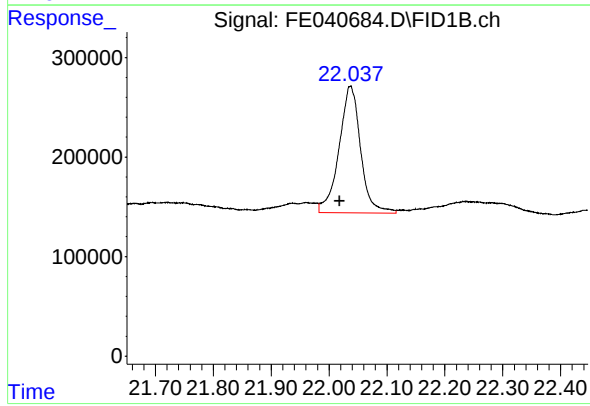
#20 n-Hexatriacontane (C36)

R.T.: 20.406 min
Delta R.T.: 0.012 min
Response: 2801855
Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: 0.015 min
Response: 2928749
Conc: 21.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: 0.018 min
Response: 3296494
Conc: 21.33 ug/ml