

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030223AL\
 Data File : FE040625.D
 Signal(s) : FID1B.ch
 Acq On : 01 Mar 2023 14:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 02 00:23:41 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)	11.883	3537042	18.934 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
12) S 1-chlorooctadecane (S...	13.321	2723100	18.399 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
Target Compounds			
1) T n-Nonane (C9)	3.280	3134122	20.368 ug/ml
2) T n-Decane (C10)	4.527	3081415	20.482 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3437641	20.725 ug/ml
4) T n-Dodecane (C12)	6.690	3139025	20.505 ug/ml
5) T A~2-methylnaphthalene...	7.324	3191969	21.091 ug/ml
6) T n-Tetradecane (C14)	8.518	3168533	20.501 ug/ml
7) T n-Hexadecane (C16)	10.124	3264954	20.214 ug/ml
8) T n-Octadecane (C18)	11.567	3298349	19.425 ug/ml
10) T n-Eicosane (C20)	12.877	3189444	18.854 ug/ml
11) T n-Heneicosane (C21)	13.489	3180339	18.559 ug/ml
13) T n-Docosane (C22)	14.076	3133291	18.290 ug/ml
14) T n-Tetracosane (C24)	15.179	3049220	17.688 ug/ml
15) T n-Hexacosane (C26)	16.201	2927943	17.227 ug/ml
16) T n-Octacosane (C28)	17.152	2869966	17.113 ug/ml
17) T n-Tricontane (C30)	18.041	2811864	17.221 ug/ml
18) T n-Dotriacontane (C32)	18.873	2851210	16.659 ug/ml
19) T n-Tetratriacontane (C34)	19.659	2762853	17.870 ug/ml
20) T n-Hexatriacontane (C36)	20.401	2596482	17.872 ug/ml
21) T n-Octatriacontane (C38)	21.129	2601735	18.928 ug/mlm
22) T n-Tetracontane (C40)	22.027	2760444	17.865 ug/mlm

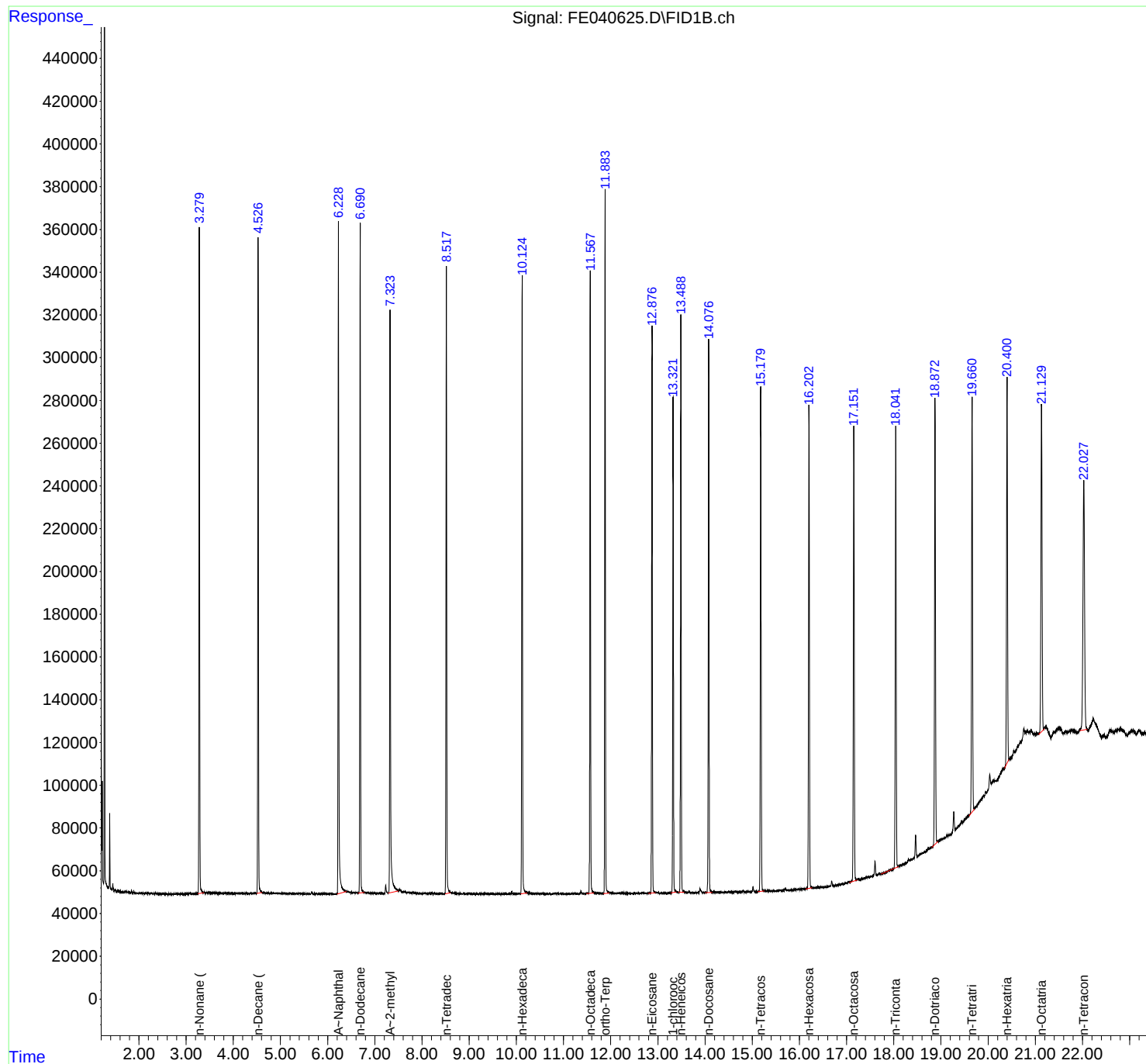
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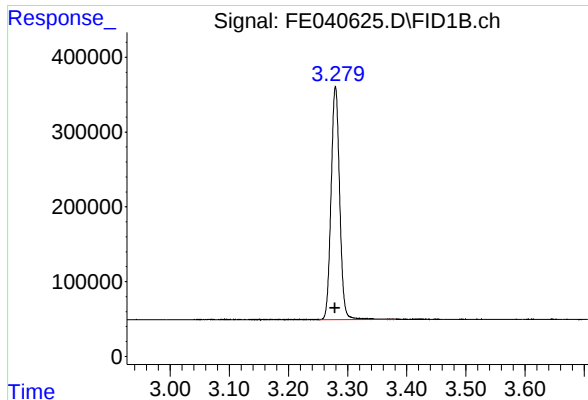
(m)=manual int.

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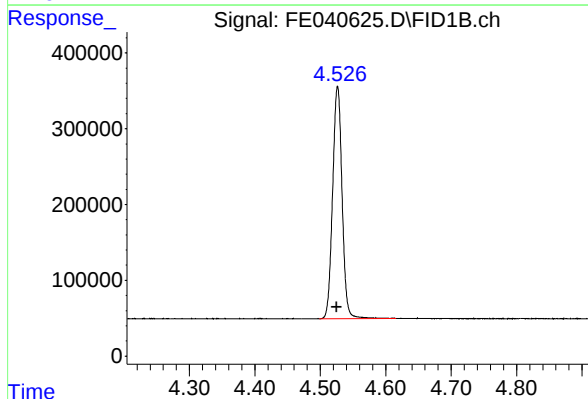
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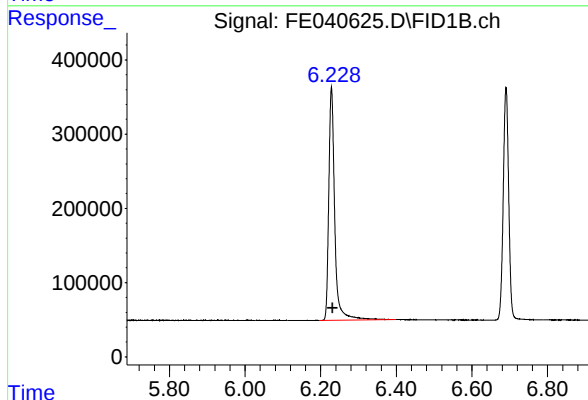
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 3134122
Conc: 20.37 ug/ml



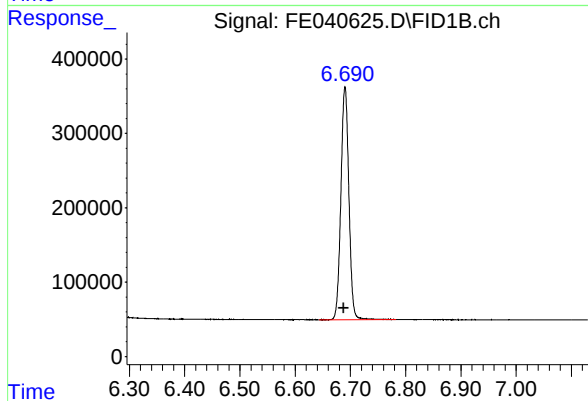
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 3081415
Conc: 20.48 ug/ml



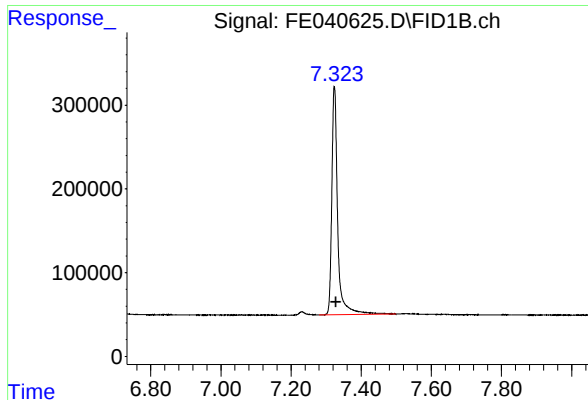
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 3437641
Conc: 20.73 ug/ml



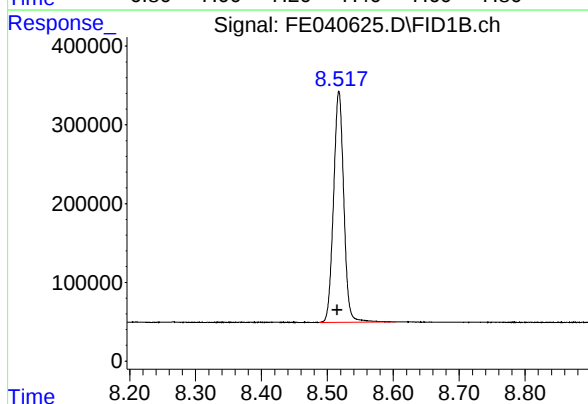
#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: 0.003 min
Response: 3139025
Conc: 20.50 ug/ml



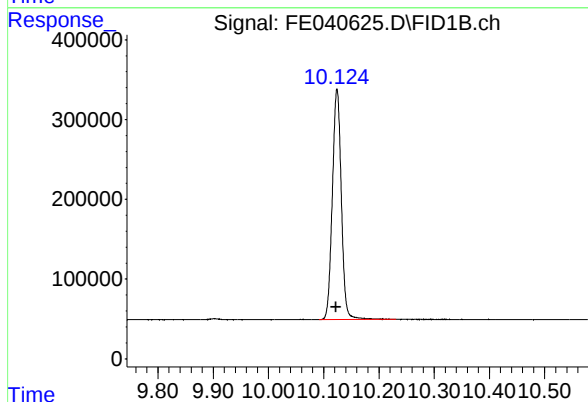
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.324 min
Delta R.T.: -0.005 min
Response: 3191969
Conc: 21.09 ug/ml



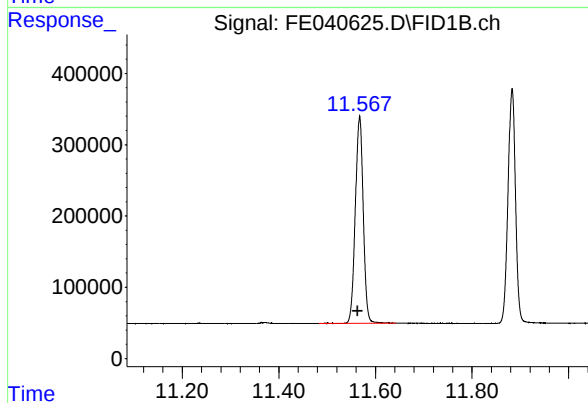
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.002 min
Response: 3168533
Conc: 20.50 ug/ml



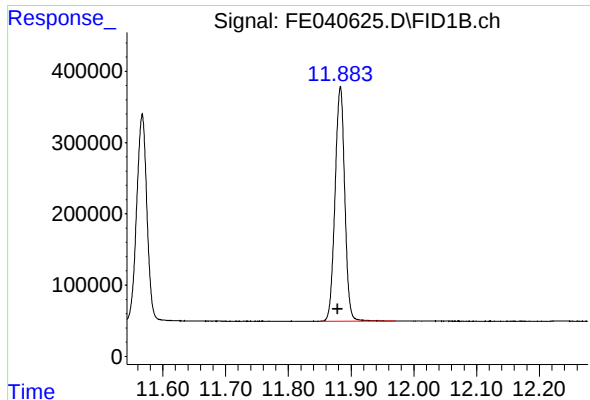
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: 0.002 min
Response: 3264954
Conc: 20.21 ug/ml



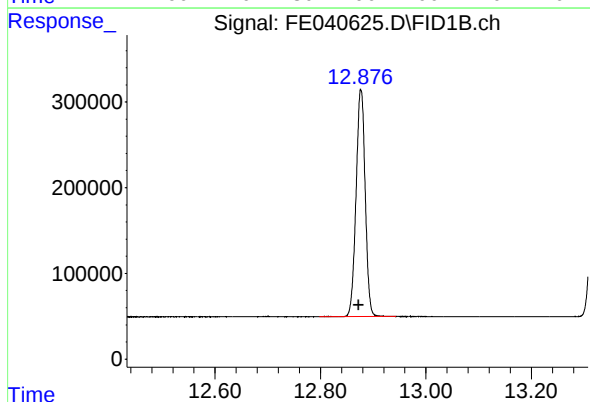
#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: 0.004 min
Response: 3298349
Conc: 19.43 ug/ml



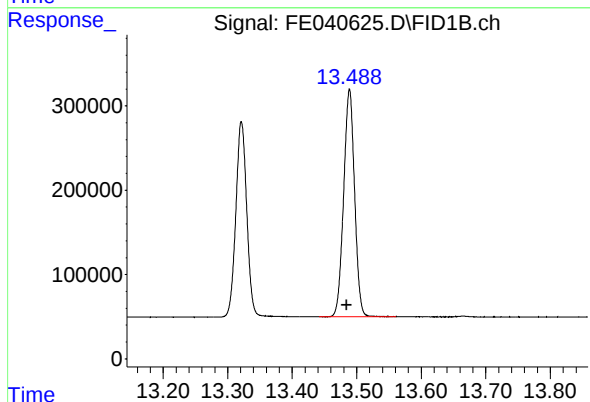
#9 ortho-Terphenyl (SURR)

R.T.: 11.883 min
Delta R.T.: 0.004 min
Response: 3537042
Conc: 18.93 ug/ml



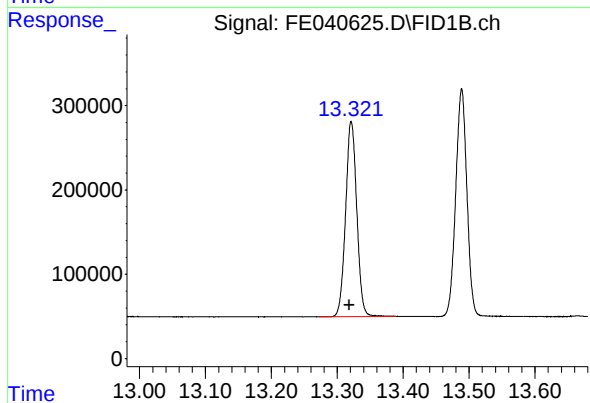
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: 0.004 min
Response: 3189444
Conc: 18.85 ug/ml



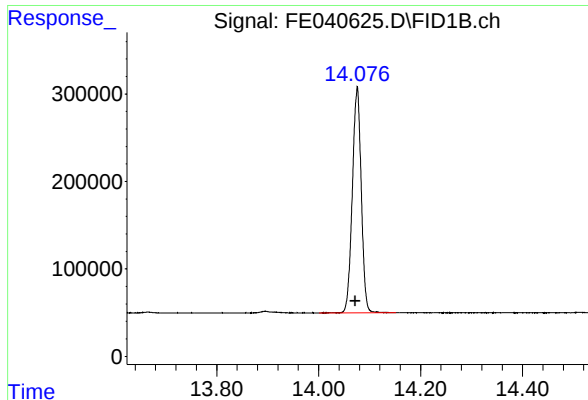
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.005 min
Response: 3180339
Conc: 18.56 ug/ml



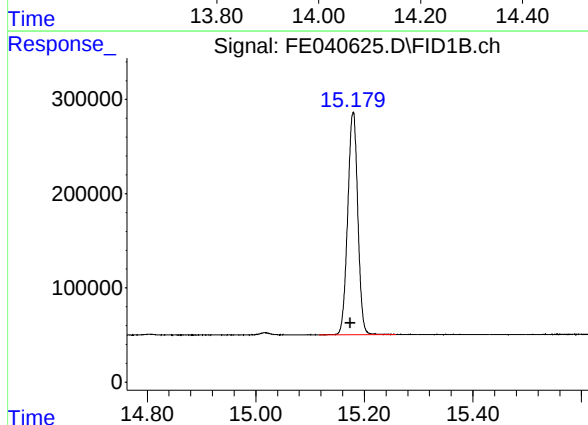
#12 1-chlorooctadecane (SURR)

R.T.: 13.321 min
Delta R.T.: 0.003 min
Response: 2723100
Conc: 18.40 ug/ml



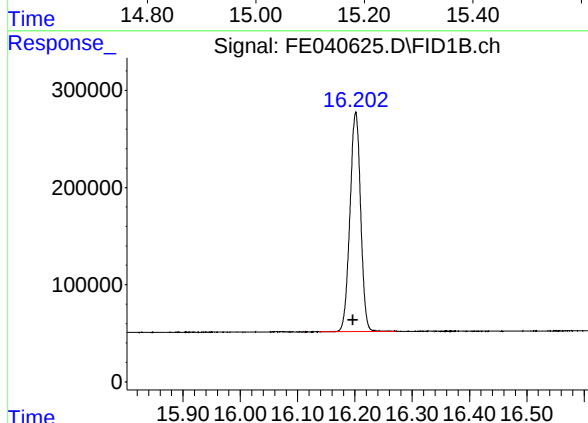
#13 n-Docosane (C22)

R.T.: 14.076 min
Delta R.T.: 0.004 min
Response: 3133291
Conc: 18.29 ug/ml



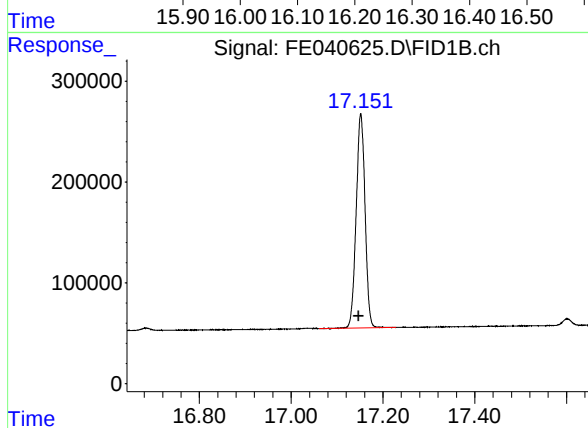
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: 0.005 min
Response: 3049220
Conc: 17.69 ug/ml



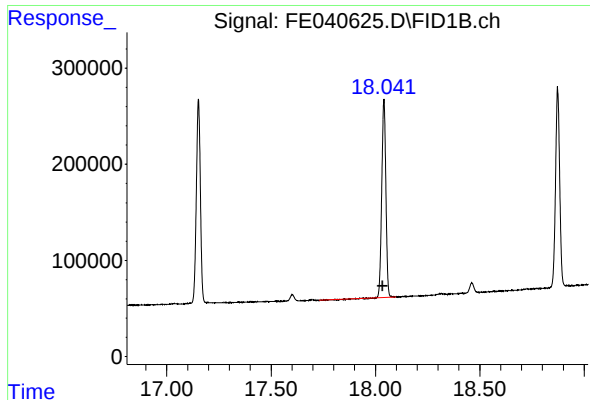
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: 0.005 min
Response: 2927943
Conc: 17.23 ug/ml



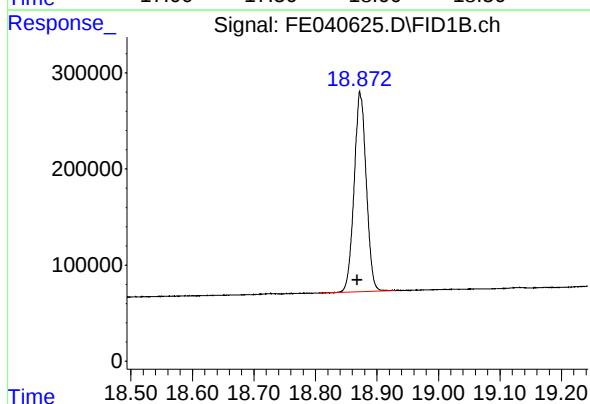
#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: 0.004 min
Response: 2869966
Conc: 17.11 ug/ml



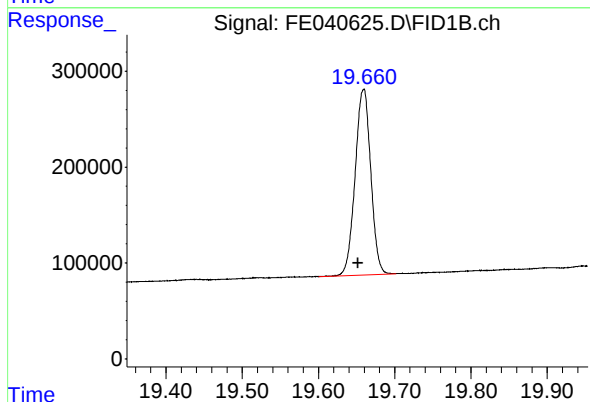
#17 n-Tricontane (C30)

R.T.: 18.041 min
Delta R.T.: 0.005 min
Response: 2811864
Conc: 17.22 ug/ml



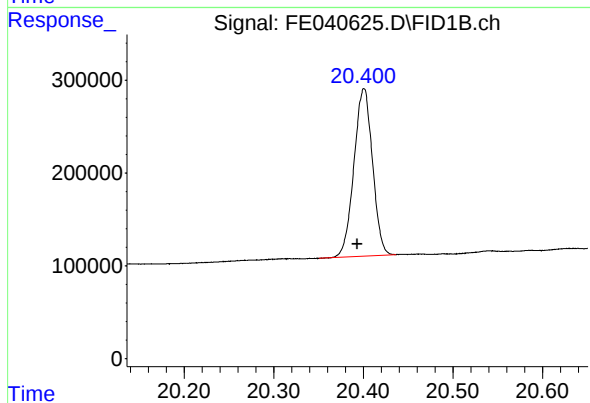
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: 0.004 min
Response: 2851210
Conc: 16.66 ug/ml



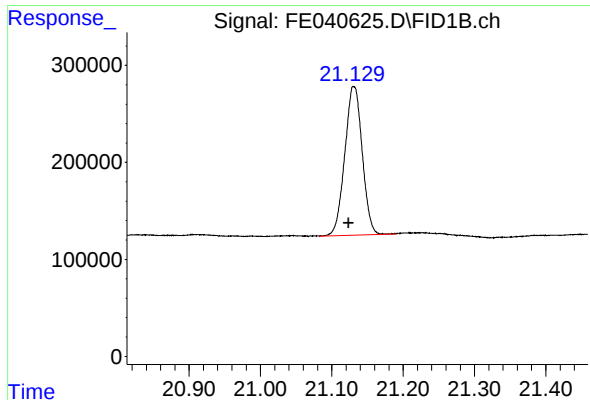
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: 0.007 min
Response: 2762853
Conc: 17.87 ug/ml



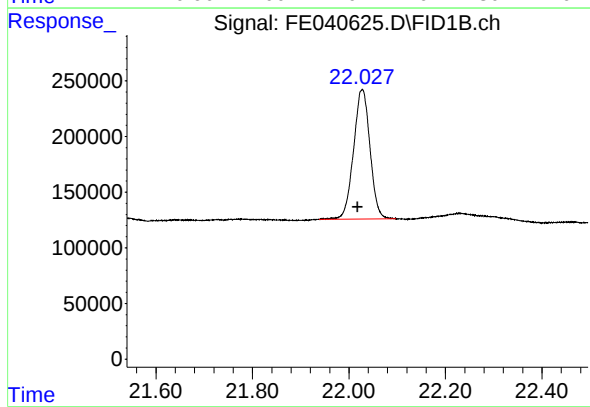
#20 n-Hexatriacontane (C36)

R.T.: 20.401 min
Delta R.T.: 0.008 min
Response: 2596482
Conc: 17.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: 0.005 min
Response: 2601735
Conc: 18.93 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.027 min
Delta R.T.: 0.009 min
Response: 2760444
Conc: 17.86 ug/ml m