

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120423AL\
 Data File : FE045627.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2023 09:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 04 22:56:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.861	4152474	19.857 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
12) S 1-chlorooctadecane (S...	13.305	3071884	19.523 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
Target Compounds			
1) T n-Nonane (C9)	3.248	3278075	20.672 ug/ml
2) T n-Decane (C10)	4.500	3344135	20.883 ug/ml
3) T A~Naphthalene (C11.7)	6.199	3661056	21.017 ug/ml
4) T n-Dodecane (C12)	6.667	3388022	20.975 ug/ml
5) T A~2-methylnaphthalene...	7.296	3565771	20.998 ug/ml
6) T n-Tetradecane (C14)	8.493	3363082	20.964 ug/ml
7) T n-Hexadecane (C16)	10.104	3436864	20.755 ug/ml
8) T n-Octadecane (C18)	11.549	3477160	20.281 ug/ml
10) T n-Eicosane (C20)	12.860	3402656	19.666 ug/ml
11) T n-Heneicosane (C21)	13.473	3351512	19.482 ug/ml
13) T n-Docosane (C22)	14.061	3318399	19.246 ug/ml
14) T n-Tetracosane (C24)	15.166	3249532	18.613 ug/ml
15) T n-Hexacosane (C26)	16.189	3150162	18.088 ug/ml
16) T n-Octacosane (C28)	17.141	3033027	17.549 ug/ml
17) T n-Tricontane (C30)	18.029	3022123	17.274 ug/ml
18) T n-Dotriacontane (C32)	18.863	3098489	16.984 ug/ml
19) T n-Tetratriacontane (C34)	19.650	2865402	17.269 ug/ml
20) T n-Hexatriacontane (C36)	20.391	2756917	17.368 ug/ml
21) T n-Octatriacontane (C38)	21.126	2707232	17.263 ug/ml
22) T n-Tetracontane (C40)	22.032	2998707	21.101 ug/ml

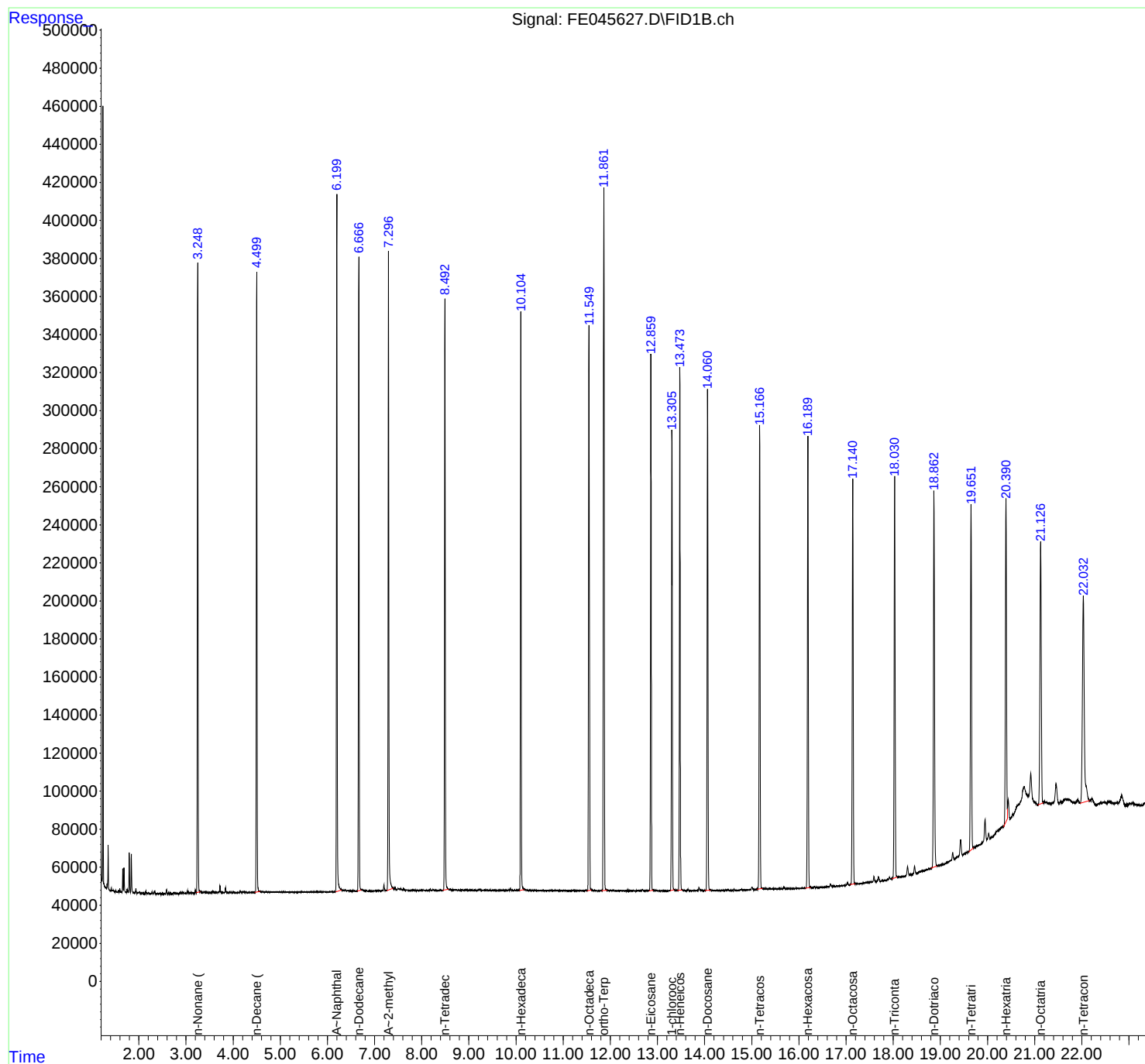
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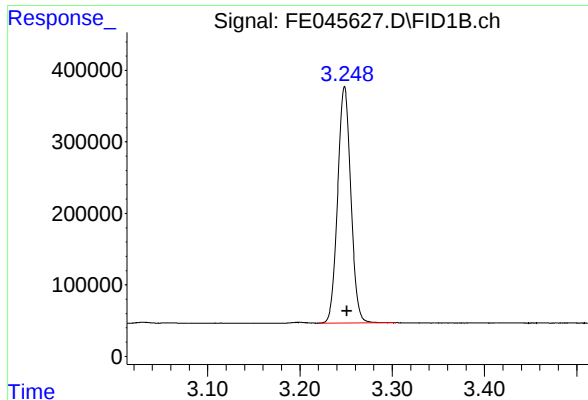
(m)=manual int.

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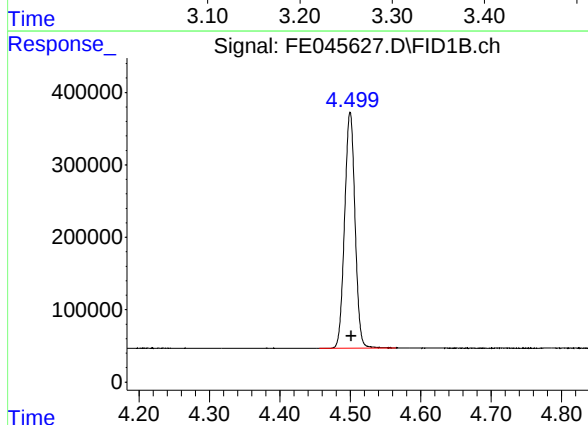
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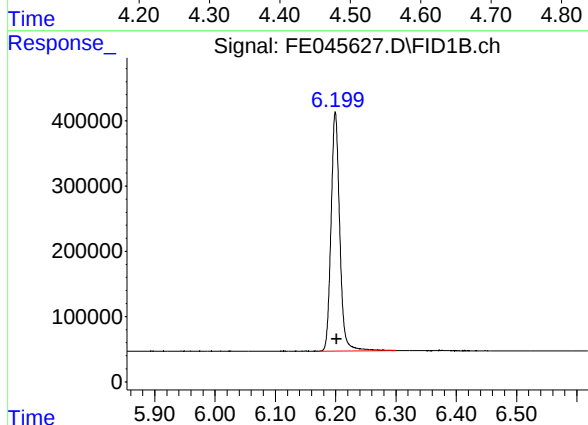
#1 n-Nonane (C9)

R.T.: 3.248 min
Delta R.T.: -0.003 min
Response: 3278075
Conc: 20.67 ug/ml



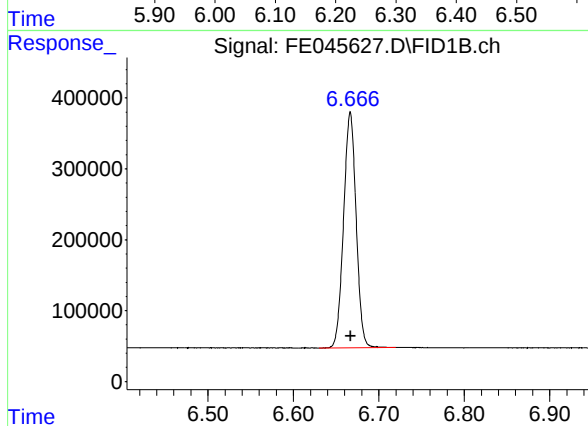
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.002 min
Response: 3344135
Conc: 20.88 ug/ml



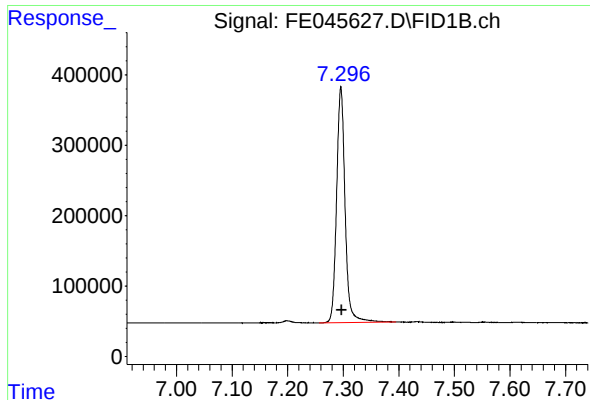
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.002 min
Response: 3661056
Conc: 21.02 ug/ml



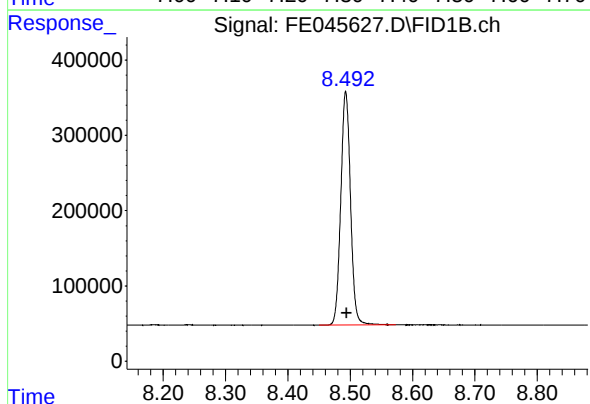
#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 3388022
Conc: 20.97 ug/ml



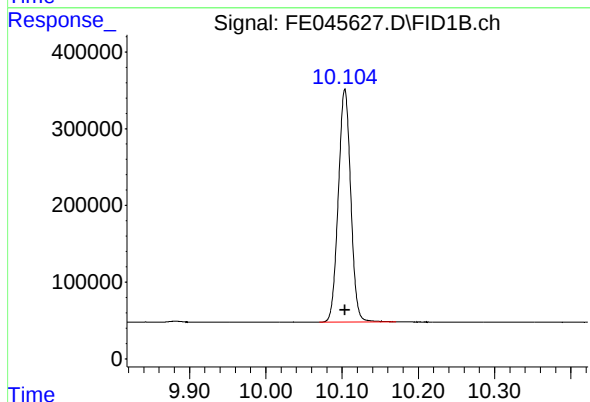
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 3565771
Conc: 21.00 ug/ml



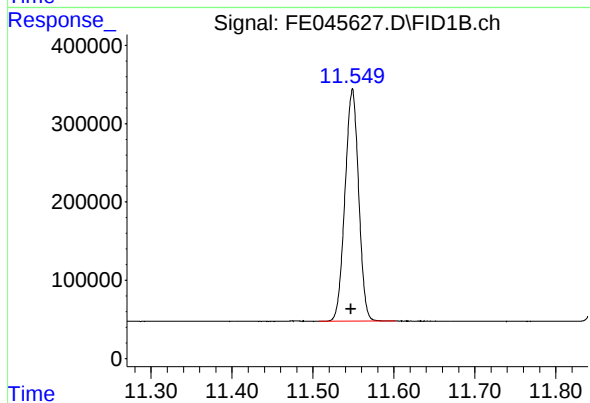
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.001 min
Response: 3363082
Conc: 20.96 ug/ml



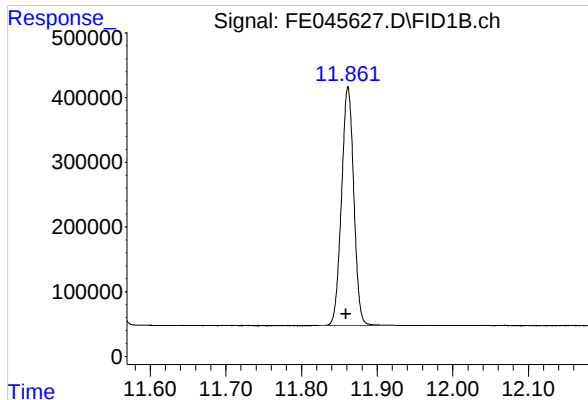
#7 n-Hexadecane (C16)

R.T.: 10.104 min
Delta R.T.: 0.000 min
Response: 3436864
Conc: 20.75 ug/ml



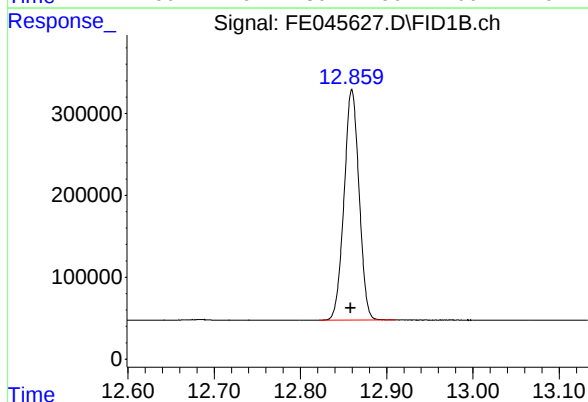
#8 n-Octadecane (C18)

R.T.: 11.549 min
Delta R.T.: 0.002 min
Response: 3477160
Conc: 20.28 ug/ml



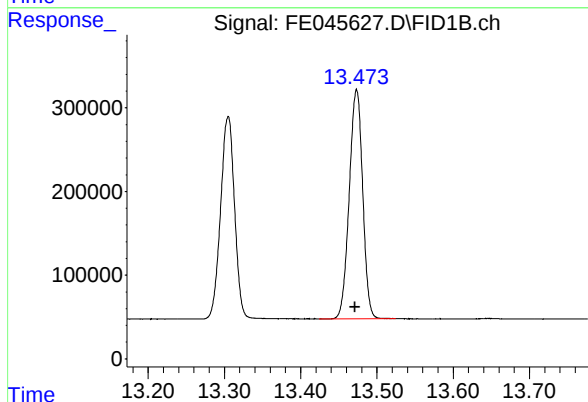
#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min
Delta R.T.: 0.002 min
Response: 4152474
Conc: 19.86 ug/ml



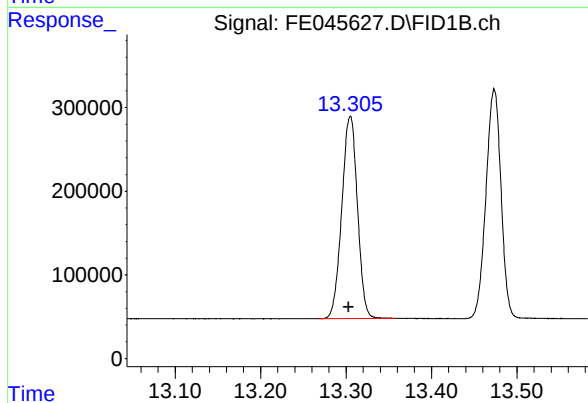
#10 n-Eicosane (C20)

R.T.: 12.860 min
Delta R.T.: 0.001 min
Response: 3402656
Conc: 19.67 ug/ml



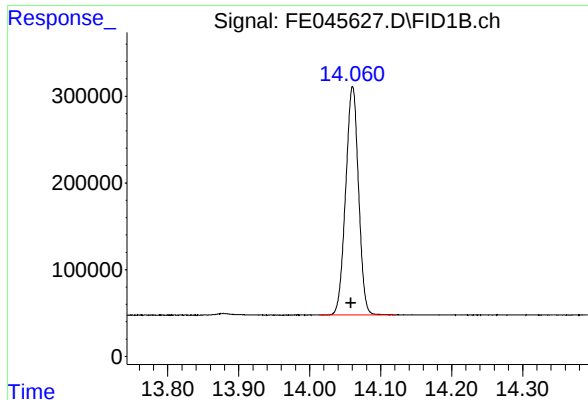
#11 n-Heneicosane (C21)

R.T.: 13.473 min
Delta R.T.: 0.002 min
Response: 3351512
Conc: 19.48 ug/ml



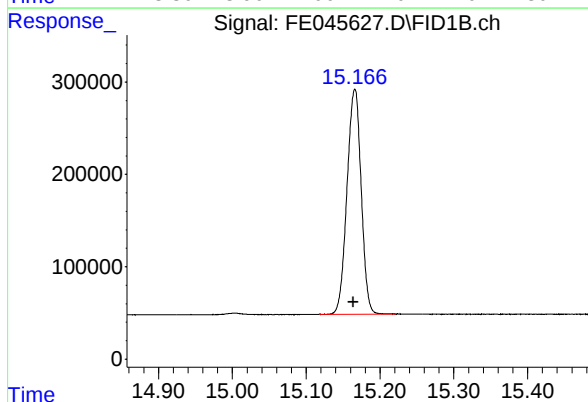
#12 1-chlorooctadecane (SURR)

R.T.: 13.305 min
Delta R.T.: 0.002 min
Response: 3071884
Conc: 19.52 ug/ml



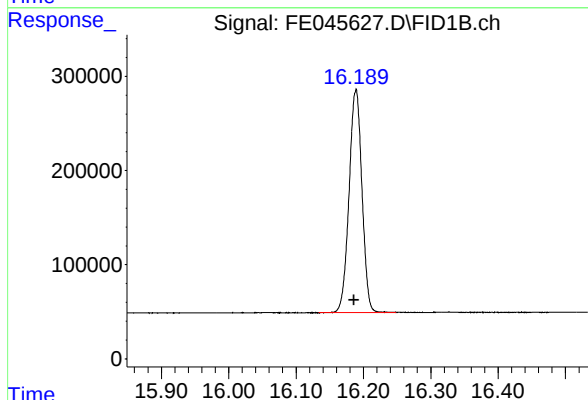
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: 0.002 min
Response: 3318399
Conc: 19.25 ug/ml



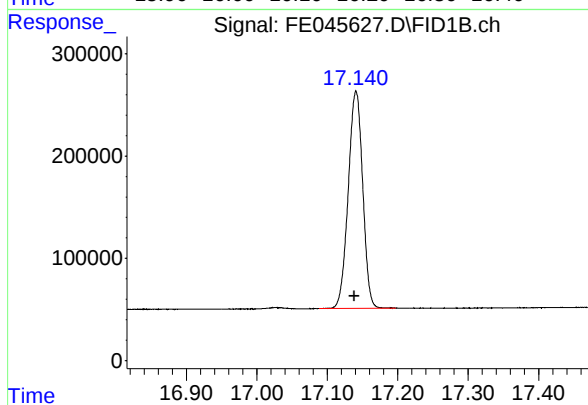
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: 0.002 min
Response: 3249532
Conc: 18.61 ug/ml



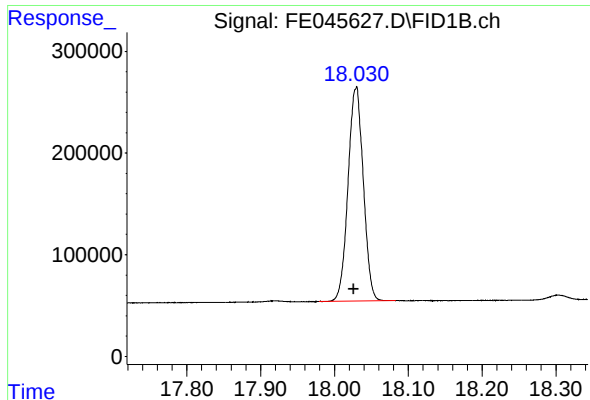
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: 0.003 min
Response: 3150162
Conc: 18.09 ug/ml



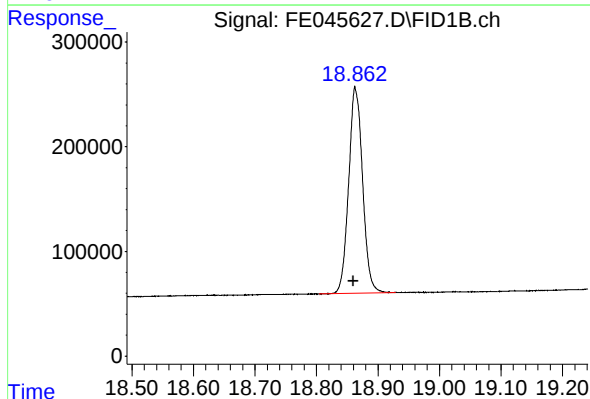
#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: 0.003 min
Response: 3033027
Conc: 17.55 ug/ml



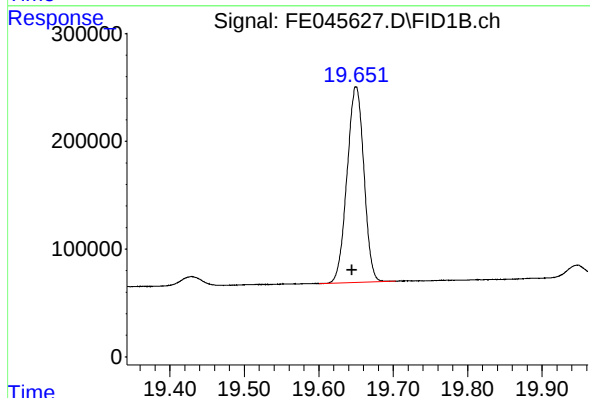
#17 n-Tricontane (C30)

R.T.: 18.029 min
Delta R.T.: 0.003 min
Response: 3022123
Conc: 17.27 ug/ml



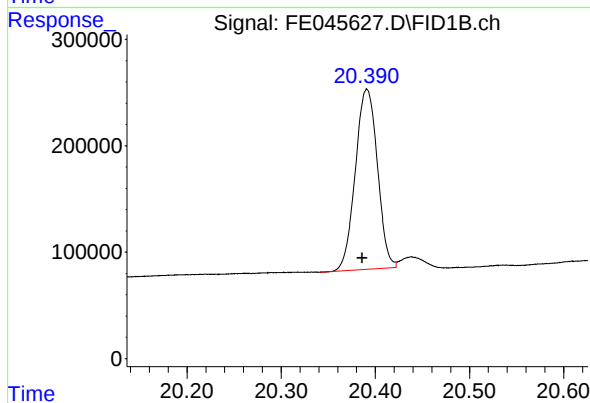
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.003 min
Response: 3098489
Conc: 16.98 ug/ml



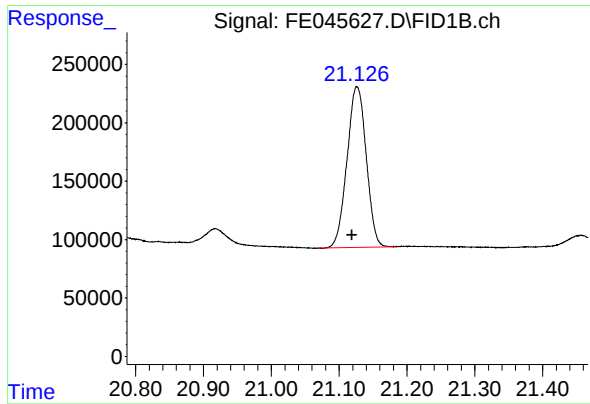
#19 n-Tetatriacontane (C34)

R.T.: 19.650 min
Delta R.T.: 0.006 min
Response: 2865402
Conc: 17.27 ug/ml



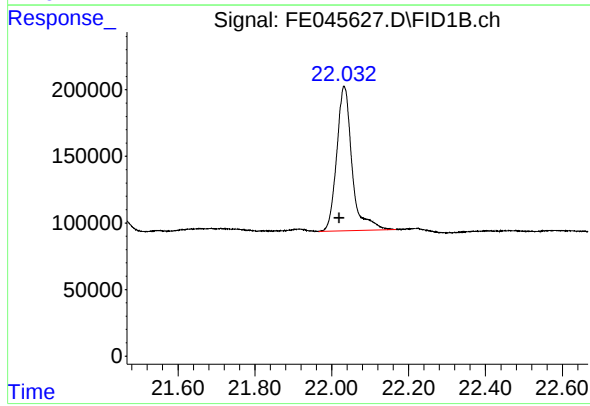
#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: 0.005 min
Response: 2756917
Conc: 17.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.126 min
Delta R.T.: 0.007 min
Response: 2707232
Conc: 17.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.032 min
Delta R.T.: 0.013 min
Response: 2998707
Conc: 21.10 ug/ml