

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122723AL\
 Data File : FE045994.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2023 21:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 28 00:20:30 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)	11.838	4028280	19.263 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
12) S 1-chlorooctadecane (S...	13.281	2964047	18.838 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
Target Compounds			
1) T n-Nonane (C9)	3.222	3340583	21.066 ug/mlm
2) T n-Decane (C10)	4.474	3410087	21.295 ug/ml
3) T A~Naphthalene (C11.7)	6.175	3665204	21.041 ug/ml
4) T n-Dodecane (C12)	6.641	3453887	21.383 ug/ml
5) T A~2-methylnaphthalene...	7.271	3548681	20.897 ug/ml
6) T n-Tetradecane (C14)	8.468	3429378	21.377 ug/ml
7) T n-Hexadecane (C16)	10.078	3483301	21.035 ug/ml
8) T n-Octadecane (C18)	11.524	3471710	20.249 ug/ml
10) T n-Eicosane (C20)	12.836	3333419	19.266 ug/ml
11) T n-Heneicosane (C21)	13.449	3252559	18.907 ug/ml
13) T n-Docosane (C22)	14.036	3198720	18.552 ug/ml
14) T n-Tetracosane (C24)	15.142	3119105	17.866 ug/ml
15) T n-Hexacosane (C26)	16.166	3048522	17.505 ug/ml
16) T n-Octacosane (C28)	17.119	3050053	17.647 ug/ml
17) T n-Tricontane (C30)	18.009	3189161	18.229 ug/ml
18) T n-Dotriacontane (C32)	18.846	3246025	17.793 ug/ml
19) T n-Tetratriacontane (C34)	19.633	3185401	19.197 ug/ml
20) T n-Hexatriacontane (C36)	20.375	3203167	20.179 ug/ml
21) T n-Octatriacontane (C38)	21.110	3239160	20.655 ug/ml
22) T n-Tetracontane (C40)	22.010	3340925	23.509 ug/mlm

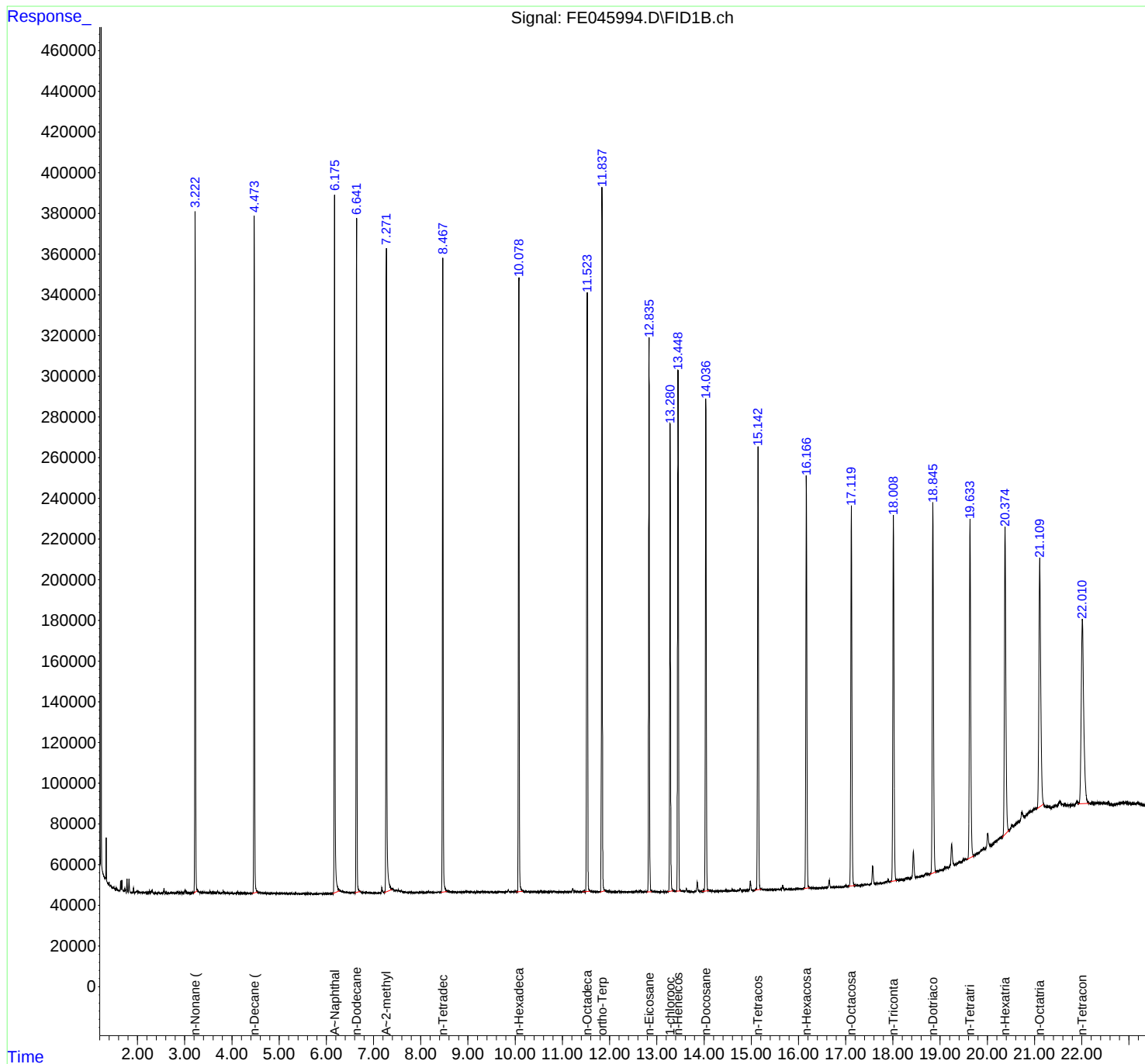
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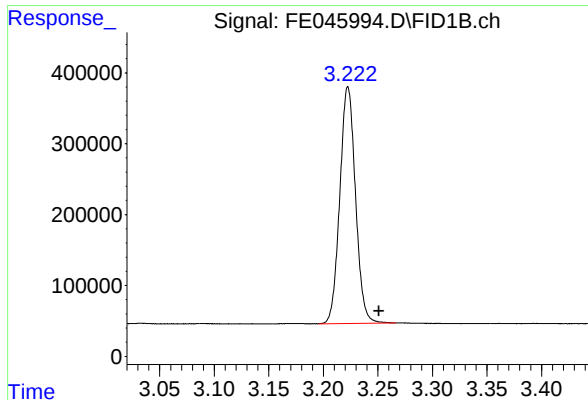
(m)=manual int.

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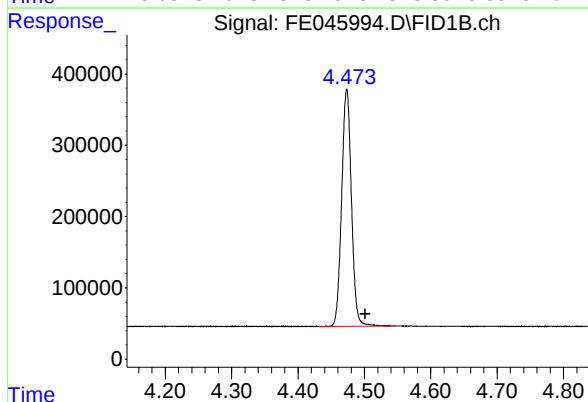
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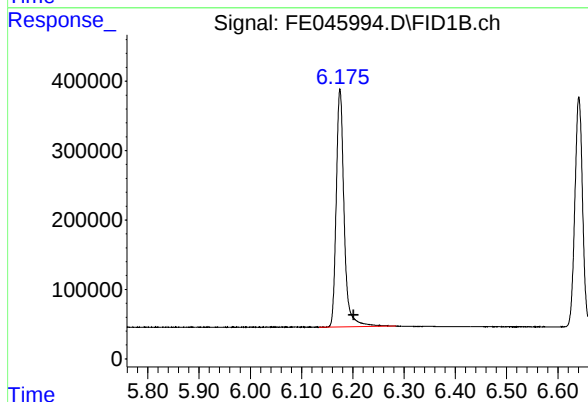
#1 n-Nonane (C9)

R.T.: 3.222 min
Delta R.T.: -0.029 min
Response: 3340583
Conc: 21.07 ug/ml m



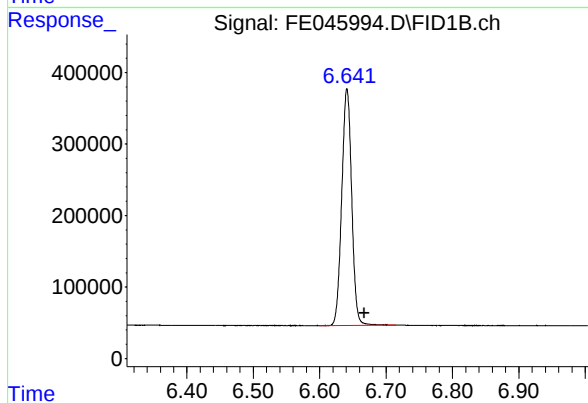
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: -0.028 min
Response: 3410087
Conc: 21.30 ug/ml



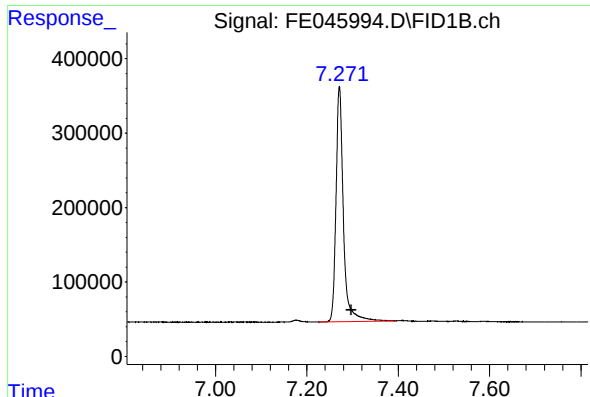
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: -0.026 min
Response: 3665204
Conc: 21.04 ug/ml



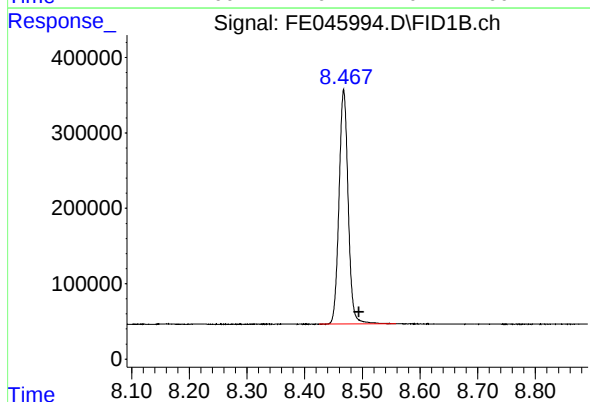
#4 n-Dodecane (C12)

R.T.: 6.641 min
Delta R.T.: -0.026 min
Response: 3453887
Conc: 21.38 ug/ml



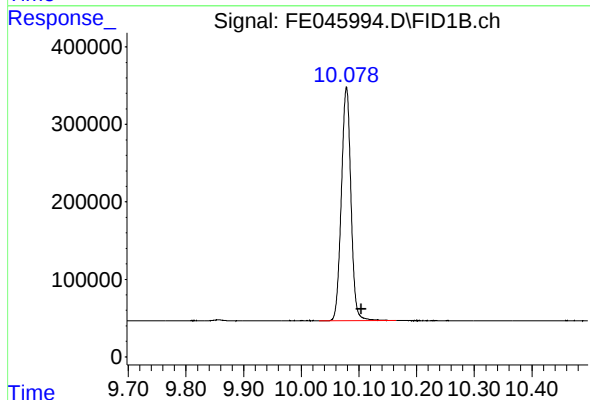
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.271 min
Delta R.T.: -0.026 min
Response: 3548681
Conc: 20.90 ug/ml



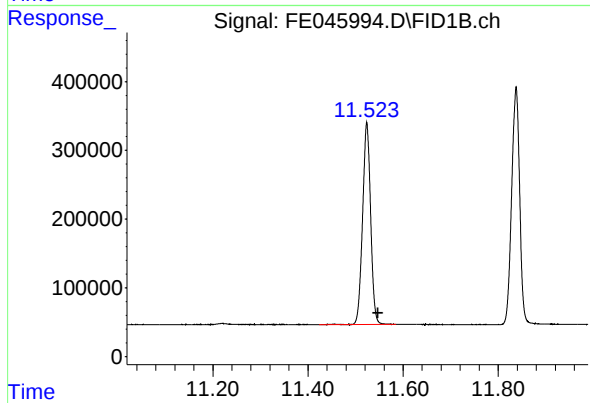
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: -0.026 min
Response: 3429378
Conc: 21.38 ug/ml



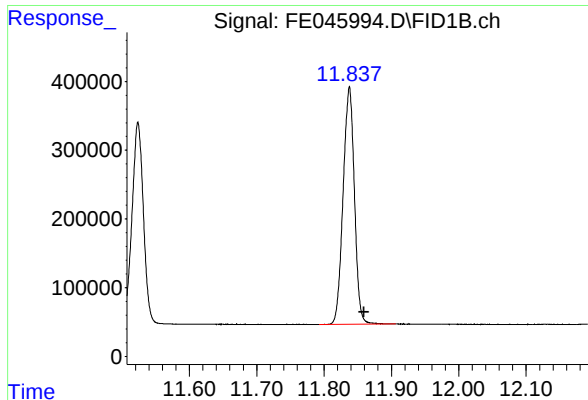
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.025 min
Response: 3483301
Conc: 21.04 ug/ml



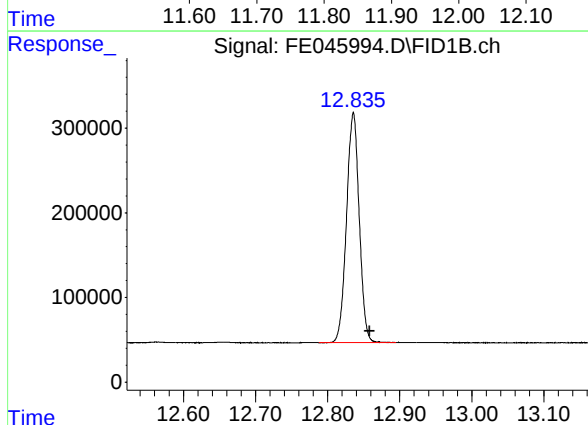
#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.024 min
Response: 3471710
Conc: 20.25 ug/ml



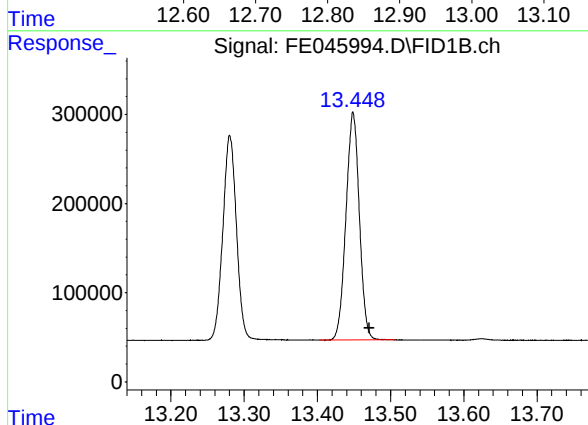
#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.021 min
Response: 4028280
Conc: 19.26 ug/ml



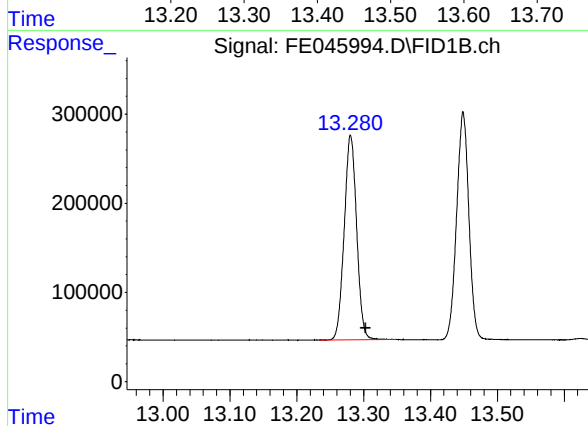
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.022 min
Response: 3333419
Conc: 19.27 ug/ml



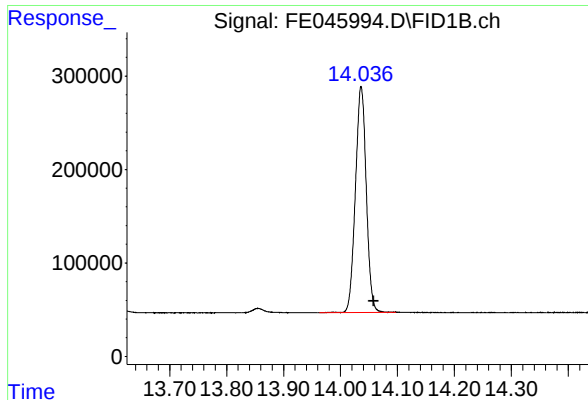
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: -0.022 min
Response: 3252559
Conc: 18.91 ug/ml



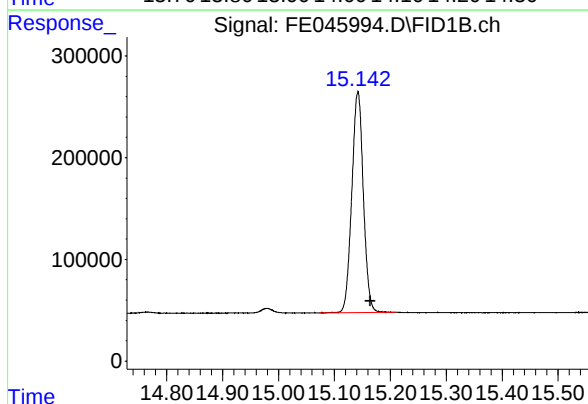
#12 1-chlorooctadecane (SURR)

R.T.: 13.281 min
Delta R.T.: -0.022 min
Response: 2964047
Conc: 18.84 ug/ml



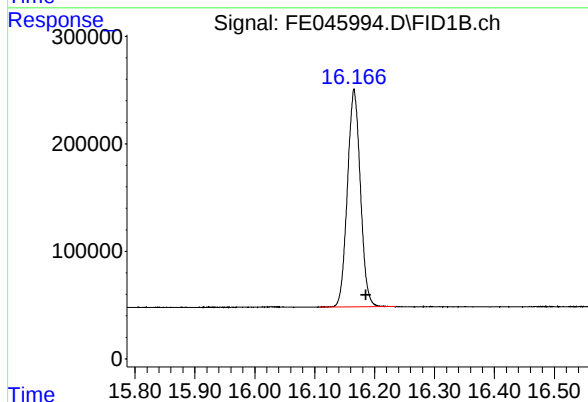
#13 n-Docosane (C22)

R.T.: 14.036 min
Delta R.T.: -0.022 min
Response: 3198720
Conc: 18.55 ug/ml



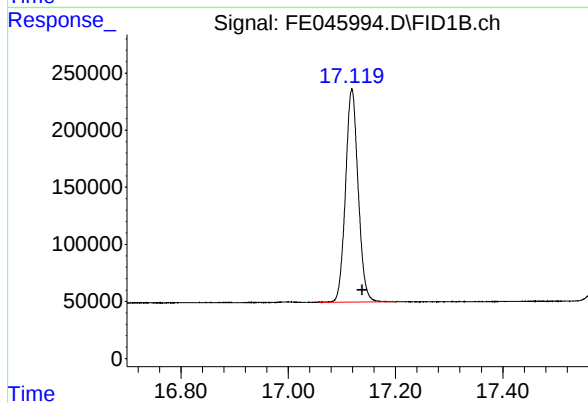
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: -0.022 min
Response: 3119105
Conc: 17.87 ug/ml



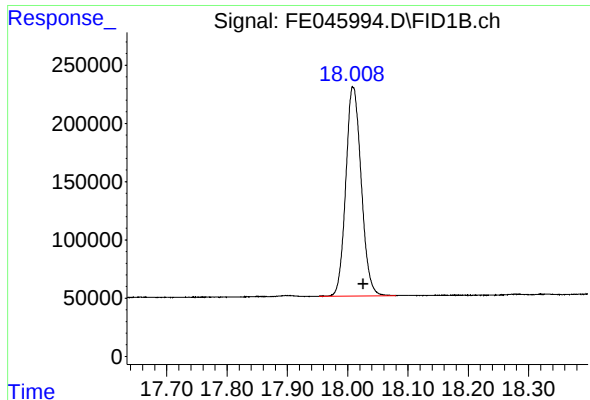
#15 n-Hexacosane (C26)

R.T.: 16.166 min
Delta R.T.: -0.020 min
Response: 3048522
Conc: 17.50 ug/ml



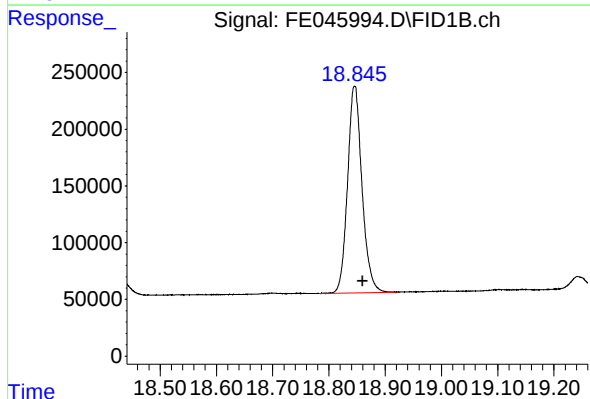
#16 n-Octacosane (C28)

R.T.: 17.119 min
Delta R.T.: -0.019 min
Response: 3050053
Conc: 17.65 ug/ml



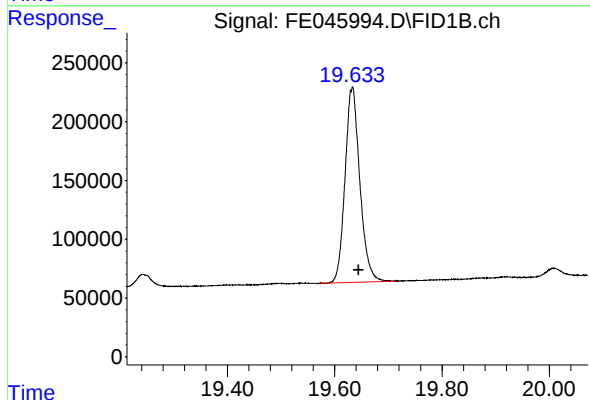
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.017 min
Response: 3189161
Conc: 18.23 ug/ml



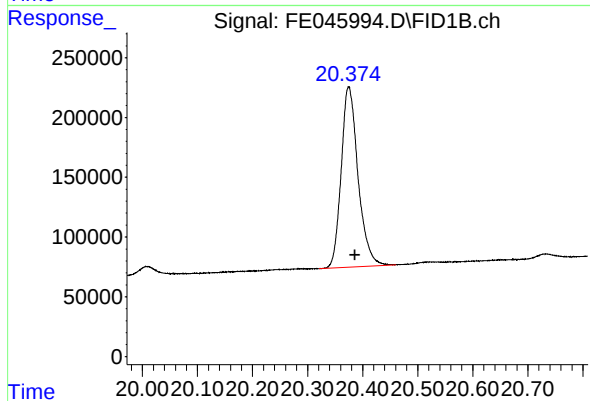
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.014 min
Response: 3246025
Conc: 17.79 ug/ml



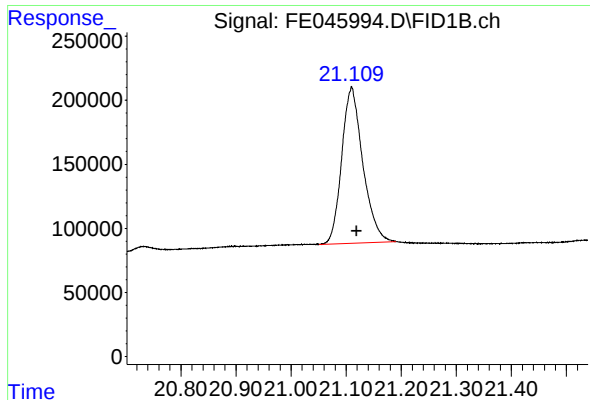
#19 n-Tetatriacontane (C34)

R.T.: 19.633 min
Delta R.T.: -0.012 min
Response: 3185401
Conc: 19.20 ug/ml



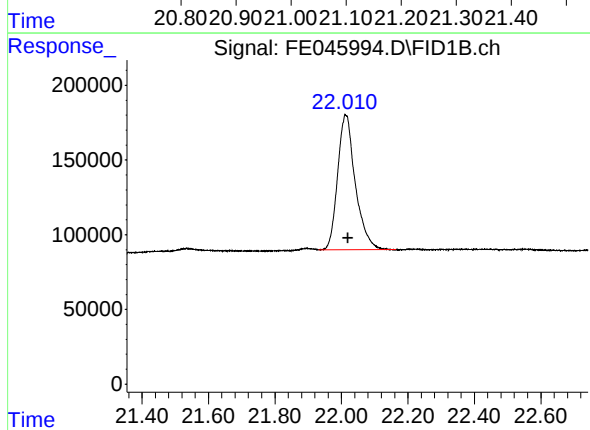
#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: -0.012 min
Response: 3203167
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.009 min
Response: 3239160
Conc: 20.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: -0.009 min
Response: 3340925
Conc: 23.51 ug/ml m