

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122723AL\
 Data File : FE045976.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2023 06:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 28 00:17:09 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)	11.842	4079685	19.509 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
12) S 1-chlorooctadecane (S...	13.286	2984889	18.970 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T n-Nonane (C9)	3.226	3411575	21.514 ug/ml
2) T n-Decane (C10)	4.476	3482320	21.746 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3746468	21.507 ug/ml
4) T n-Dodecane (C12)	6.644	3514029	21.755 ug/ml
5) T A~2-methylnaphthalene...	7.275	3624376	21.343 ug/ml
6) T n-Tetradecane (C14)	8.471	3477028	21.674 ug/ml
7) T n-Hexadecane (C16)	10.082	3535364	21.350 ug/ml
8) T n-Octadecane (C18)	11.528	3519933	20.530 ug/ml
10) T n-Eicosane (C20)	12.840	3366598	19.458 ug/ml
11) T n-Heneicosane (C21)	13.454	3283233	19.085 ug/ml
13) T n-Docosane (C22)	14.042	3214140	18.641 ug/ml
14) T n-Tetracosane (C24)	15.146	3140188	17.987 ug/ml
15) T n-Hexacosane (C26)	16.171	3075680	17.661 ug/ml
16) T n-Octacosane (C28)	17.125	3064749	17.732 ug/ml
17) T n-Tricontane (C30)	18.013	3205489	18.323 ug/ml
18) T n-Dotriacontane (C32)	18.853	3273973	17.946 ug/mlm
19) T n-Tetratriacontane (C34)	19.639	3211002	19.351 ug/ml
20) T n-Hexatriacontane (C36)	20.384	3163792	19.931 ug/ml
21) T n-Octatriacontane (C38)	21.115	3408006	21.732 ug/mlm
22) T n-Tetracontane (C40)	22.025	3415246	24.032 ug/mlm

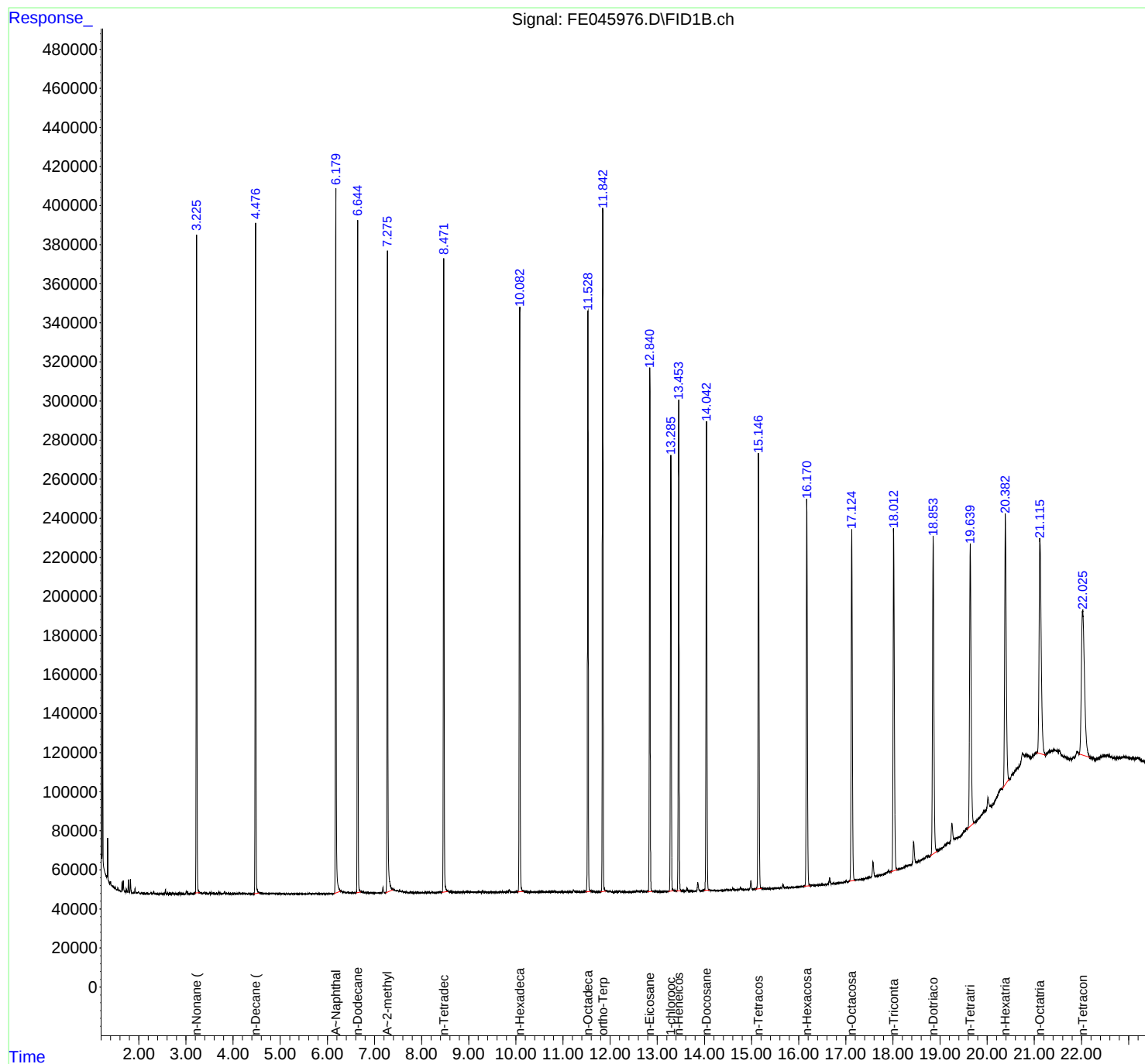
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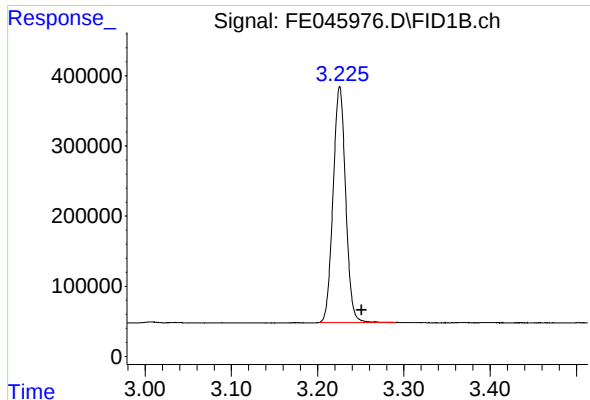
(m)=manual int.

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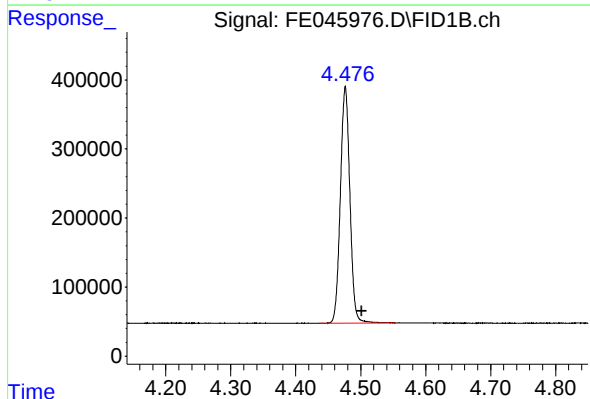
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Signal Info : 20M x 0.18mm x 0.18um





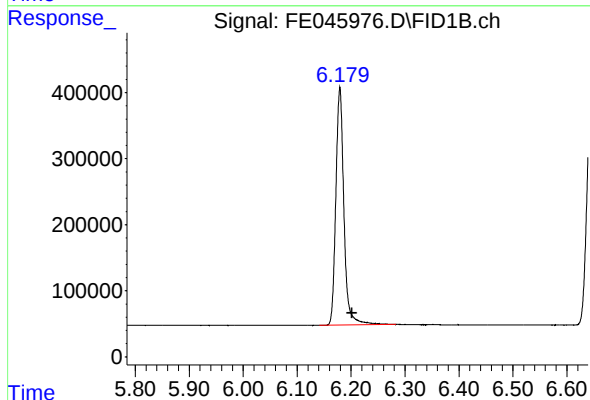
#1 n-Nonane (C9)

R.T.: 3.226 min
Delta R.T.: -0.025 min
Response: 3411575
Conc: 21.51 ug/ml



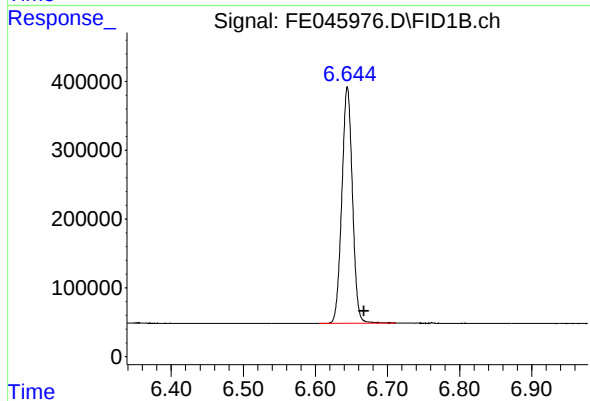
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.025 min
Response: 3482320
Conc: 21.75 ug/ml



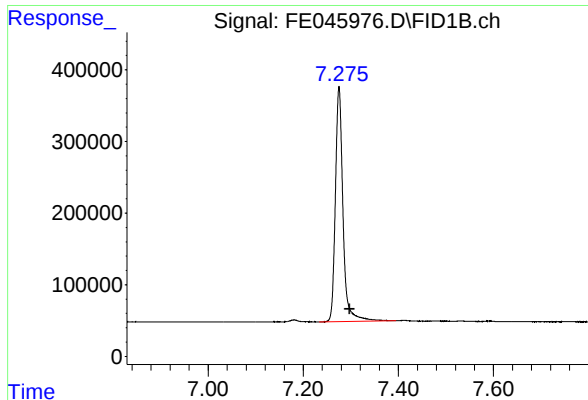
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.022 min
Response: 3746468
Conc: 21.51 ug/ml



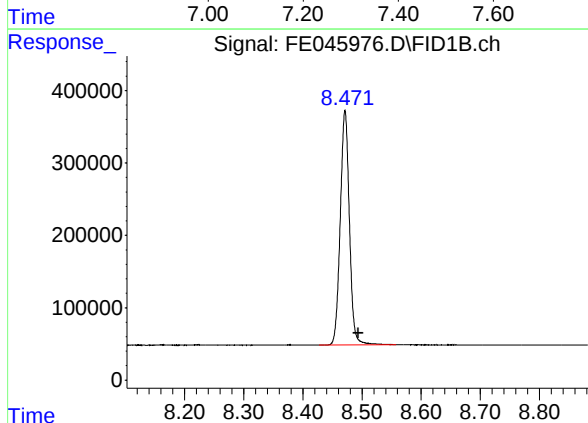
#4 n-Dodecane (C12)

R.T.: 6.644 min
Delta R.T.: -0.023 min
Response: 3514029
Conc: 21.75 ug/ml



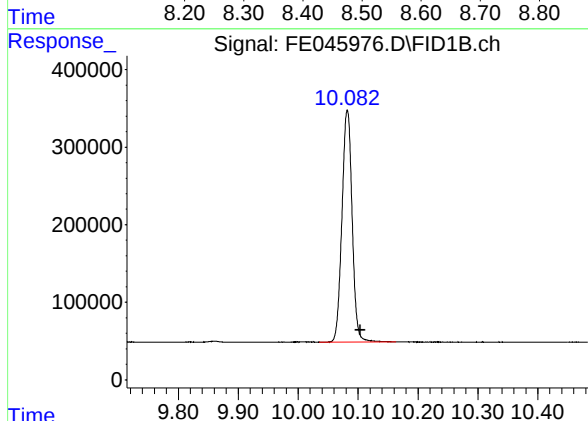
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.022 min
Response: 3624376
Conc: 21.34 ug/ml



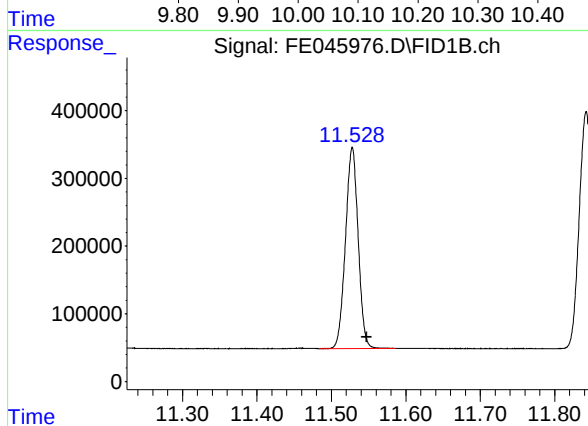
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.023 min
Response: 3477028
Conc: 21.67 ug/ml



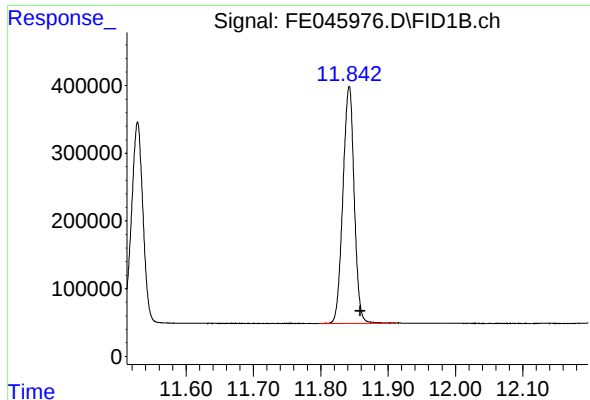
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.022 min
Response: 3535364
Conc: 21.35 ug/ml



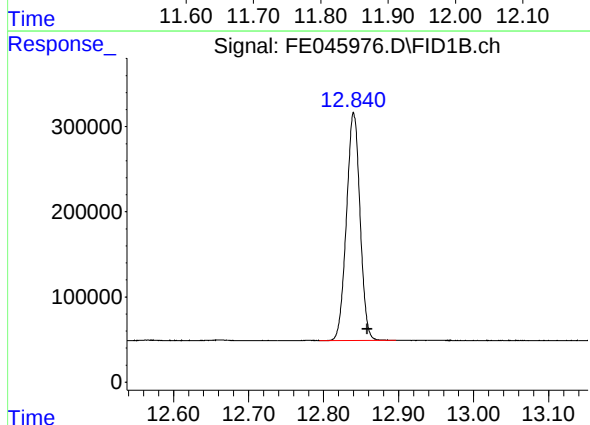
#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.019 min
Response: 3519933
Conc: 20.53 ug/ml



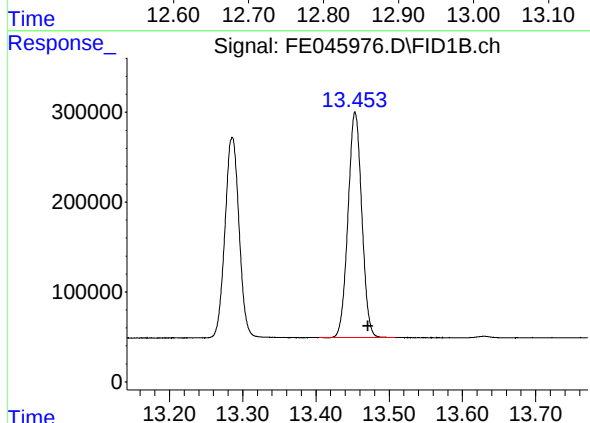
#9 ortho-Terphenyl (SURR)

R.T.: 11.842 min
Delta R.T.: -0.017 min
Response: 4079685
Conc: 19.51 ug/ml



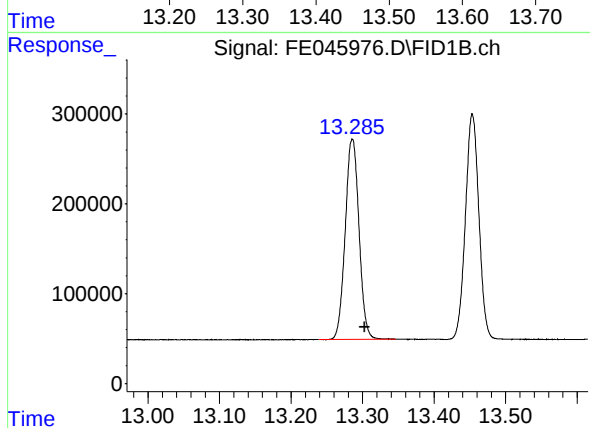
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: -0.018 min
Response: 3366598
Conc: 19.46 ug/ml



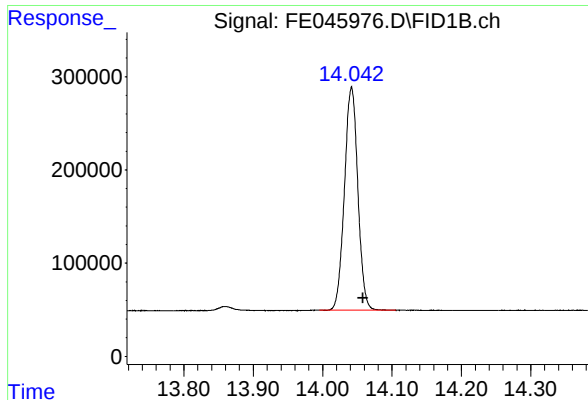
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.018 min
Response: 3283233
Conc: 19.09 ug/ml



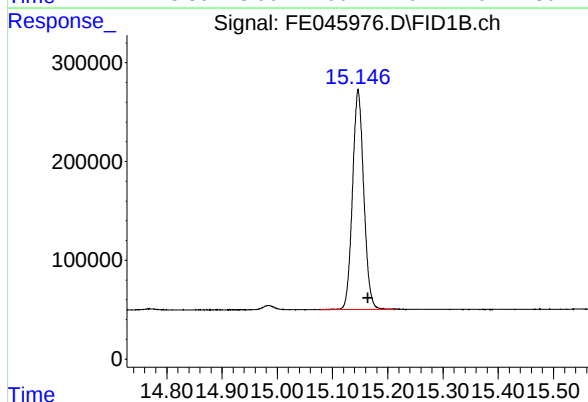
#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.017 min
Response: 2984889
Conc: 18.97 ug/ml



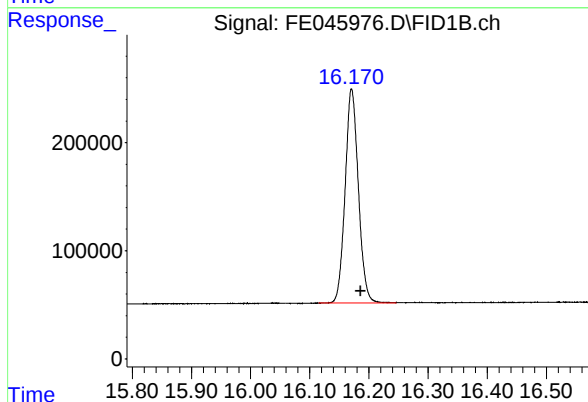
#13 n-Docosane (C22)

R.T.: 14.042 min
Delta R.T.: -0.016 min
Response: 3214140
Conc: 18.64 ug/ml



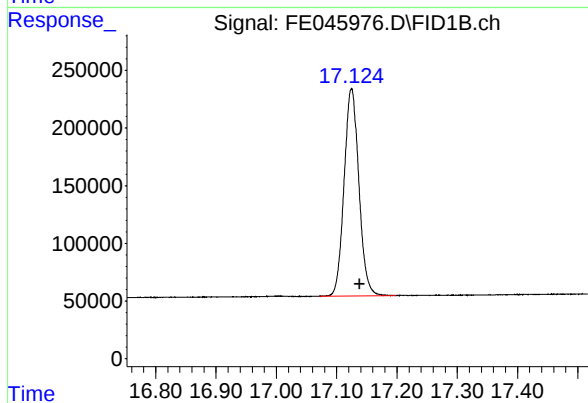
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.018 min
Response: 3140188
Conc: 17.99 ug/ml



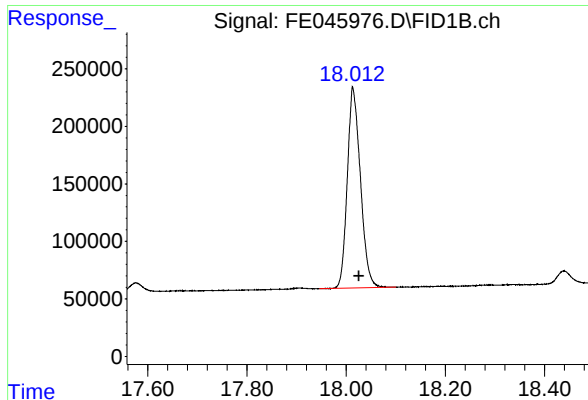
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: -0.015 min
Response: 3075680
Conc: 17.66 ug/ml



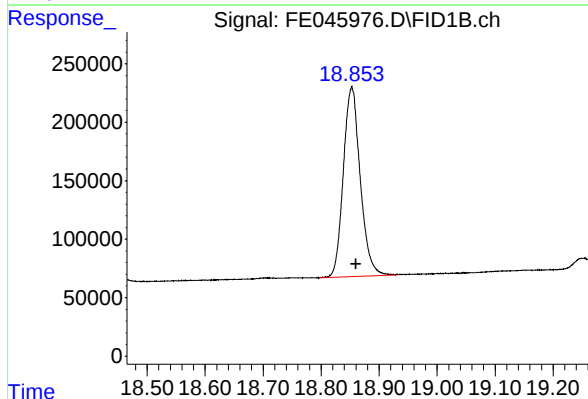
#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: -0.014 min
Response: 3064749
Conc: 17.73 ug/ml



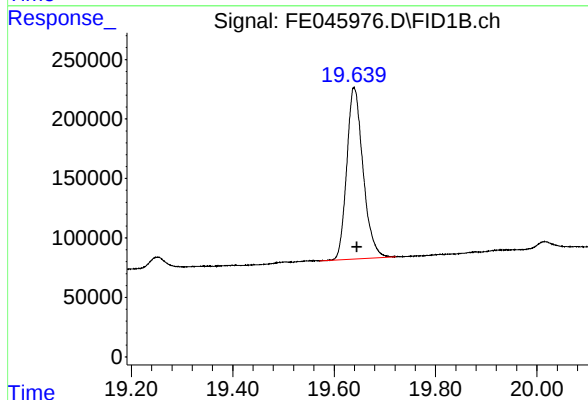
#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: -0.013 min
Response: 3205489
Conc: 18.32 ug/ml



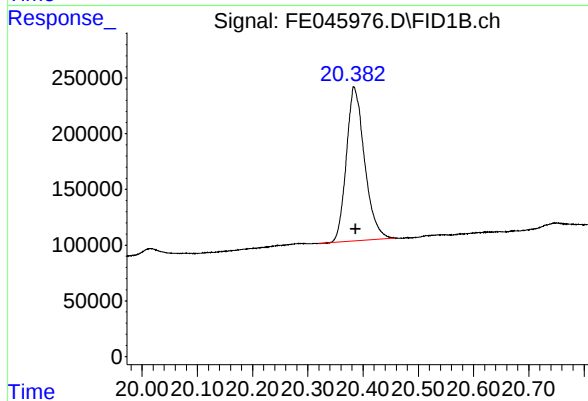
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: -0.007 min
Response: 3273973
Conc: 17.95 ug/ml m



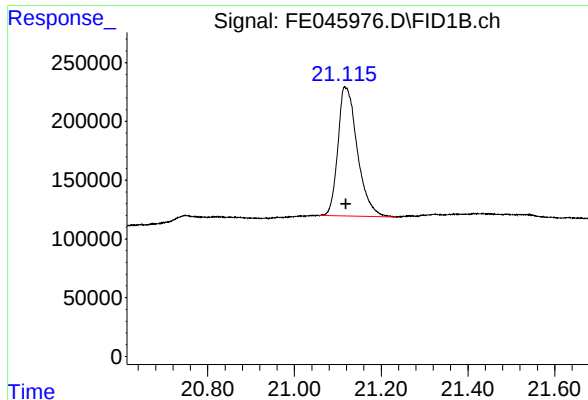
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: -0.005 min
Response: 3211002
Conc: 19.35 ug/ml



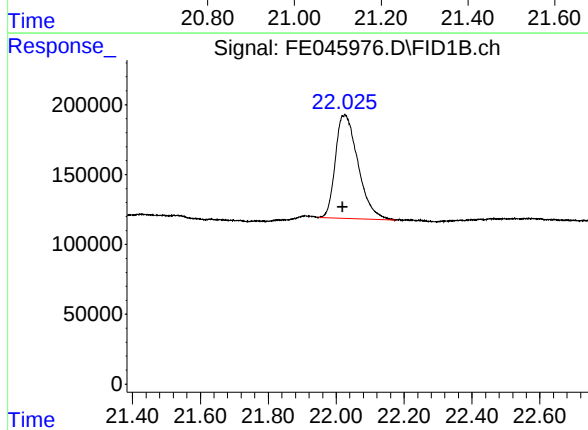
#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: -0.002 min
Response: 3163792
Conc: 19.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: -0.004 min
Response: 3408006
Conc: 21.73 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.025 min
Delta R.T.: 0.006 min
Response: 3415246
Conc: 24.03 ug/ml m