

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122723AL\
 Data File : FE045984.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2023 16:04
 Operator : YP\AJ
 Sample : PB158100BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 28 00:18:50 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)	11.843	7251184	34.675 ug/ml
Spiked Amount 50.000		Recovery =	69.35%
12) S 1-chlorooctadecane (S...	13.286	5608914	35.647 ug/ml
Spiked Amount 50.000		Recovery =	71.29%
Target Compounds			
1) T n-Nonane (C9)	3.242	7740422	48.812 ug/ml
2) T n-Decane (C10)	4.486	8500588	53.084 ug/ml
3) T A~Naphthalene (C11.7)	6.182	9829328	56.427 ug/ml
4) T n-Dodecane (C12)	6.647	9128682	56.514 ug/ml
5) T A~2-methylnaphthalene...	7.277	9677125	56.985 ug/ml
6) T n-Tetradecane (C14)	8.476	9231608	57.545 ug/ml
7) T n-Hexadecane (C16)	10.084	9199424	55.554 ug/ml
8) T n-Octadecane (C18)	11.530	9195721	53.635 ug/ml
10) T n-Eicosane (C20)	12.843	9102017	52.606 ug/ml
11) T n-Heneicosane (C21)	13.456	8624627	50.134 ug/ml
13) T n-Docosane (C22)	14.043	8505687	49.331 ug/ml
14) T n-Tetracosane (C24)	15.147	16989753	97.318 ug/ml
15) T n-Hexacosane (C26)	16.175	8016203	46.029 ug/ml
16) T n-Octacosane (C28)	17.126	8457035	48.932 ug/ml
17) T n-Tricontane (C30)	18.019	7873713	45.006 ug/ml
18) T n-Dotriacontane (C32)	18.855	7997349	43.837 ug/ml
19) T n-Tetratriacontane (C34)	19.641	7826630	47.168 ug/ml
20) T n-Hexatriacontane (C36)	20.384	8078541	50.893 ug/mlm
21) T n-Octatriacontane (C38)	21.116	8304380	52.955 ug/mlm
22) T n-Tetracontane (C40)	22.026	8734513	61.461 ug/mlm

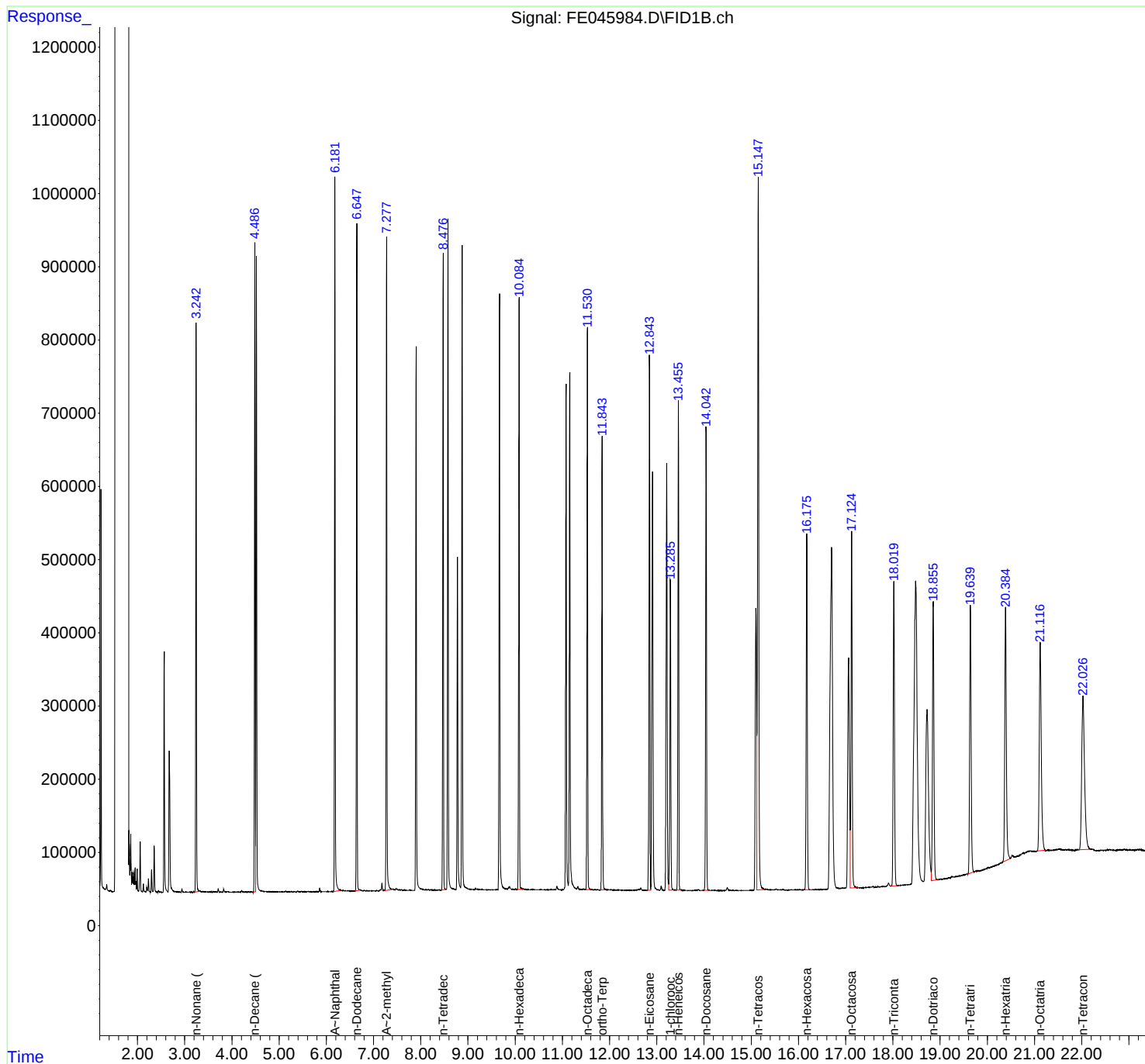
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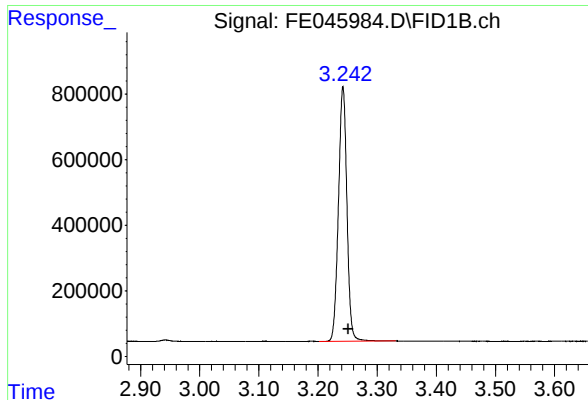
(m)=manual int.

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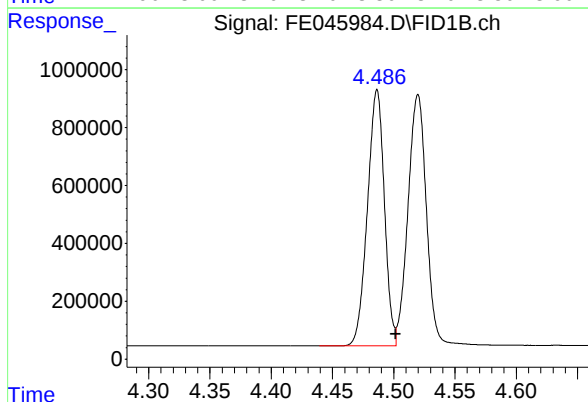
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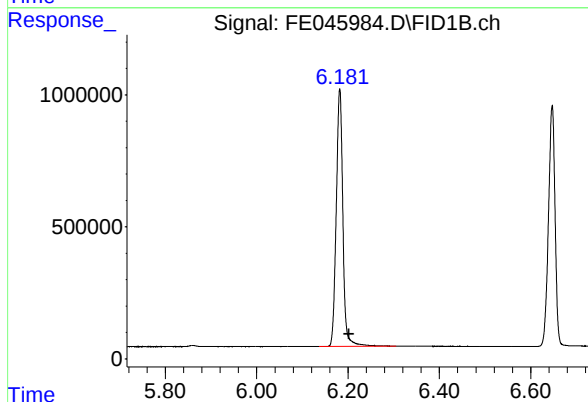
#1 n-Nonane (C9)

R.T.: 3.242 min
Delta R.T.: -0.009 min
Response: 7740422
Conc: 48.81 ug/ml



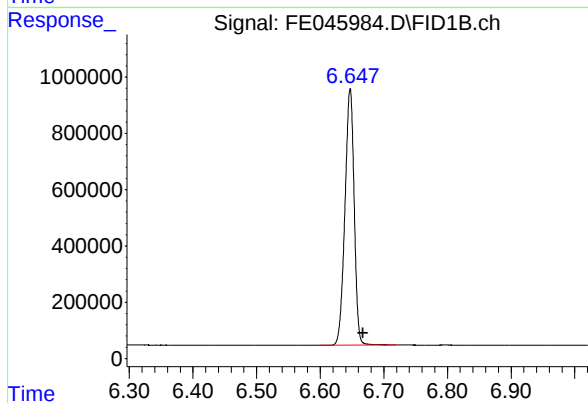
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.015 min
Response: 8500588
Conc: 53.08 ug/ml



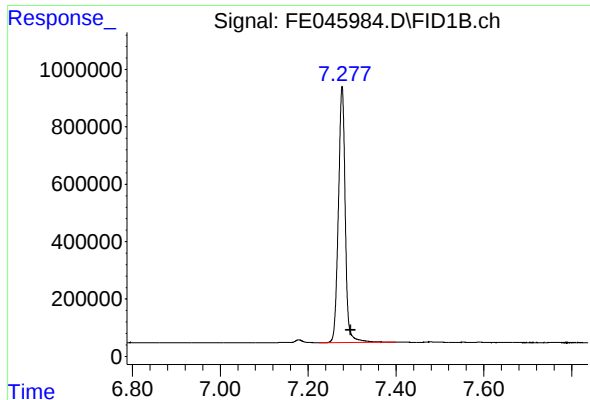
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.019 min
Response: 9829328
Conc: 56.43 ug/ml



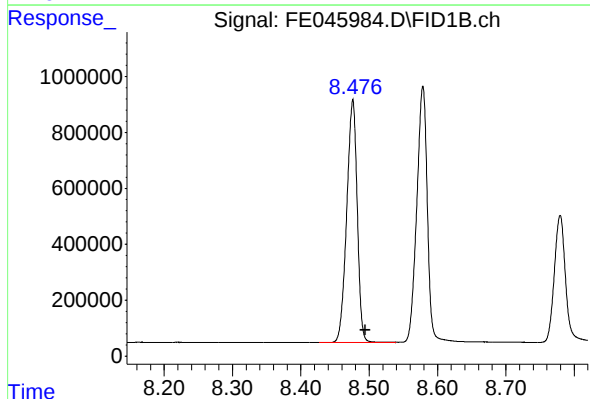
#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.020 min
Response: 9128682
Conc: 56.51 ug/ml



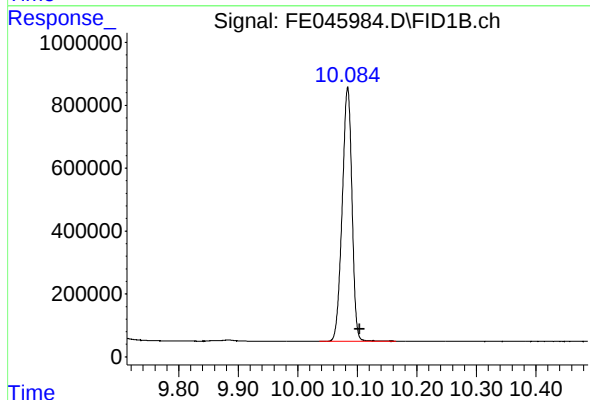
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.277 min
Delta R.T.: -0.020 min
Response: 9677125
Conc: 56.99 ug/ml



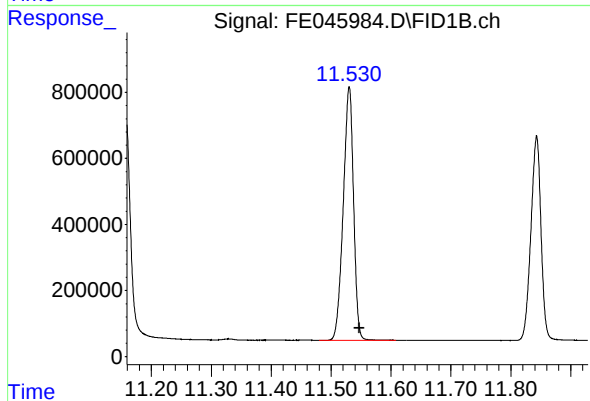
#6 n-Tetradecane (C14)

R.T.: 8.476 min
Delta R.T.: -0.018 min
Response: 9231608
Conc: 57.55 ug/ml



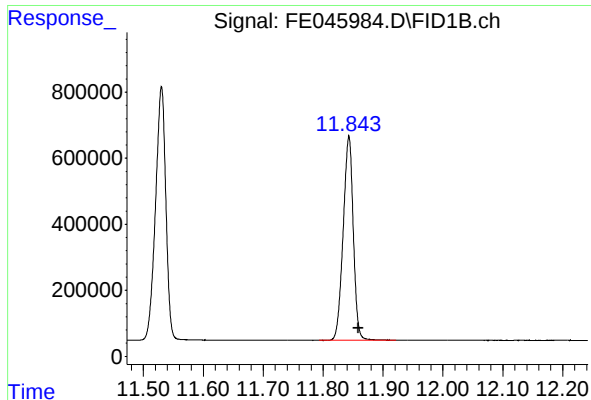
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.020 min
Response: 9199424
Conc: 55.55 ug/ml



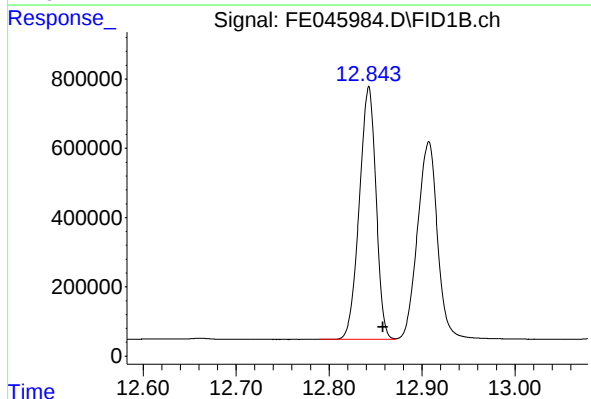
#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: -0.017 min
Response: 9195721
Conc: 53.64 ug/ml



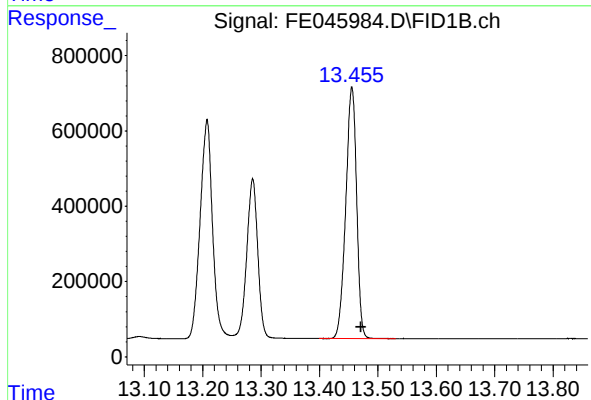
#9 ortho-Terphenyl (SURR)

R.T.: 11.843 min
Delta R.T.: -0.016 min
Response: 7251184
Conc: 34.68 ug/ml



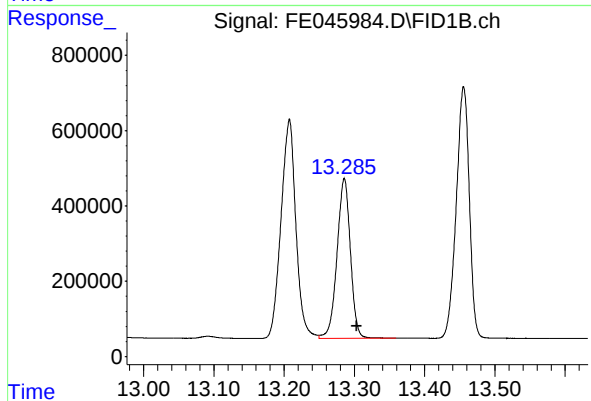
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.015 min
Response: 9102017
Conc: 52.61 ug/ml



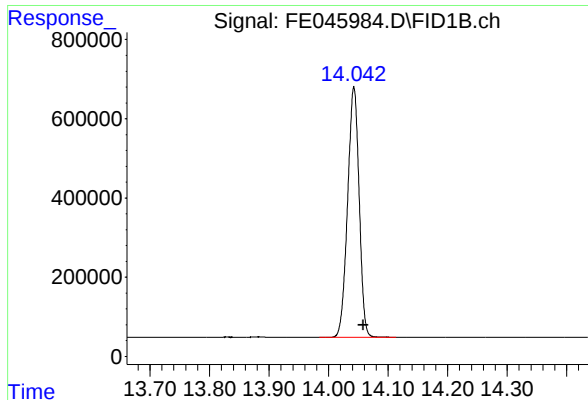
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.016 min
Response: 8624627
Conc: 50.13 ug/ml



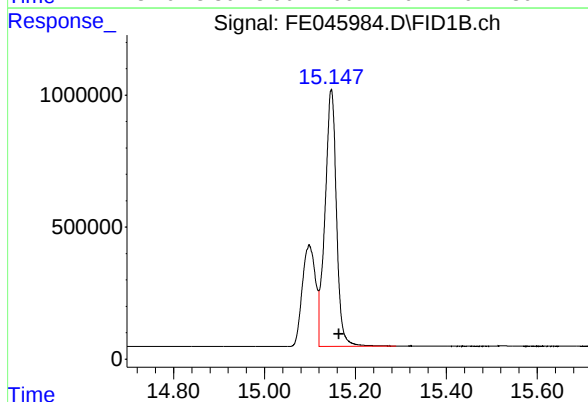
#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.017 min
Response: 5608914
Conc: 35.65 ug/ml



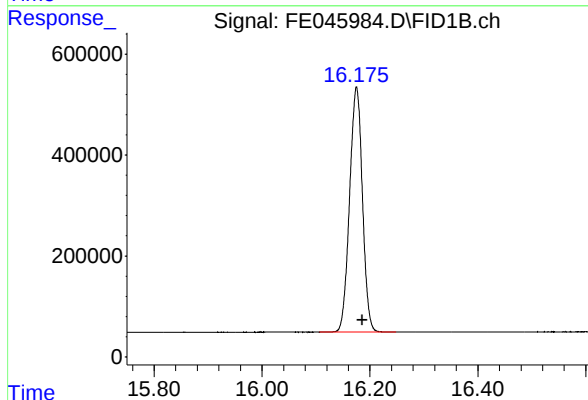
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.016 min
Response: 8505687
Conc: 49.33 ug/ml



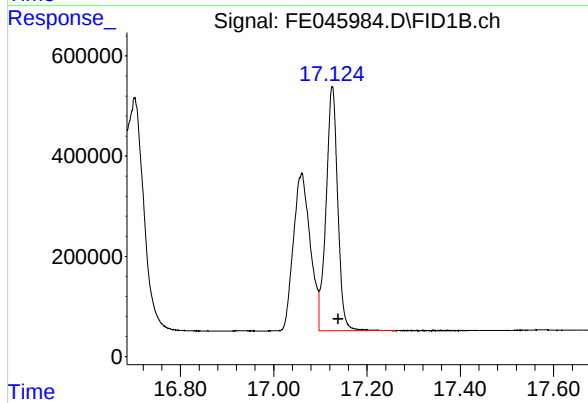
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.017 min
Response: 16989753
Conc: 97.32 ug/ml



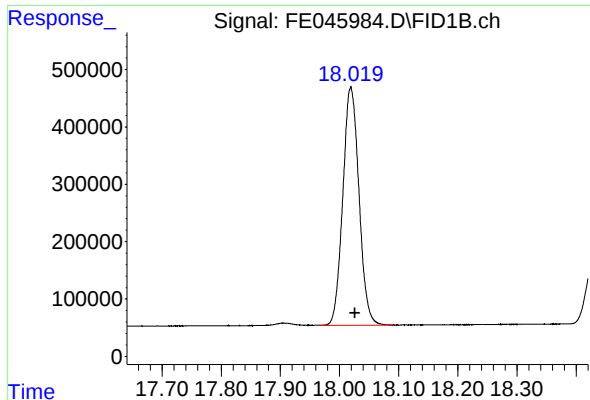
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.011 min
Response: 8016203
Conc: 46.03 ug/ml



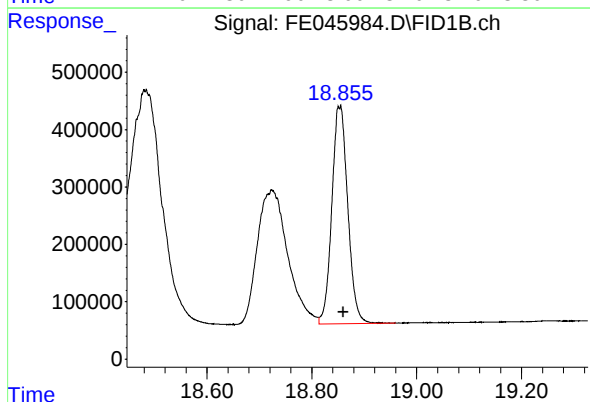
#16 n-Octacosane (C28)

R.T.: 17.126 min
Delta R.T.: -0.013 min
Response: 8457035
Conc: 48.93 ug/ml



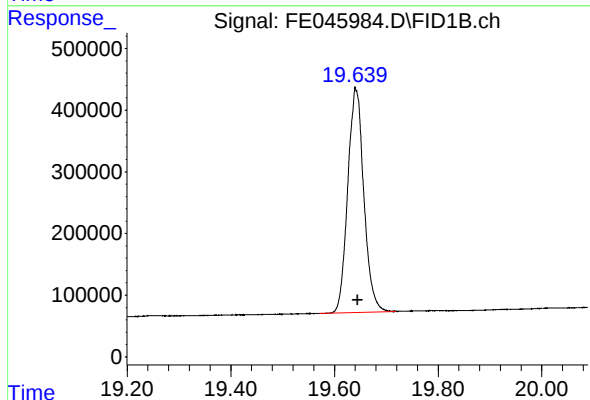
#17 n-Tricontane (C30)

R.T.: 18.019 min
Delta R.T.: -0.007 min
Response: 7873713
Conc: 45.01 ug/ml



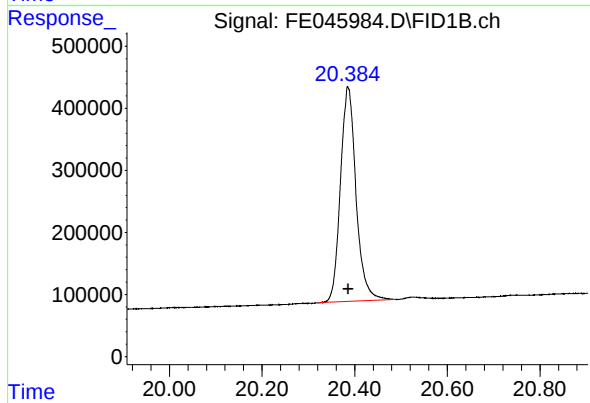
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.005 min
Response: 7997349
Conc: 43.84 ug/ml



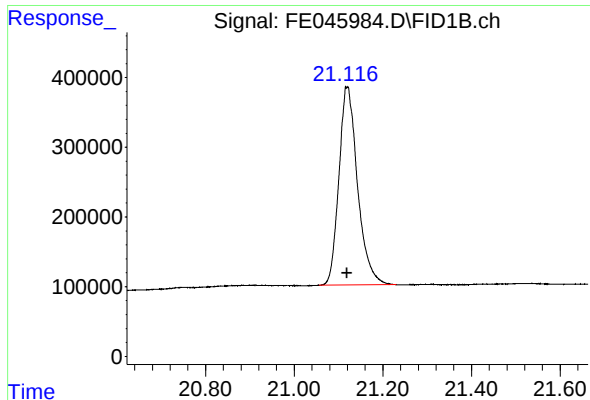
#19 n-Tetatriacontane (C34)

R.T.: 19.641 min
Delta R.T.: -0.004 min
Response: 7826630
Conc: 47.17 ug/ml



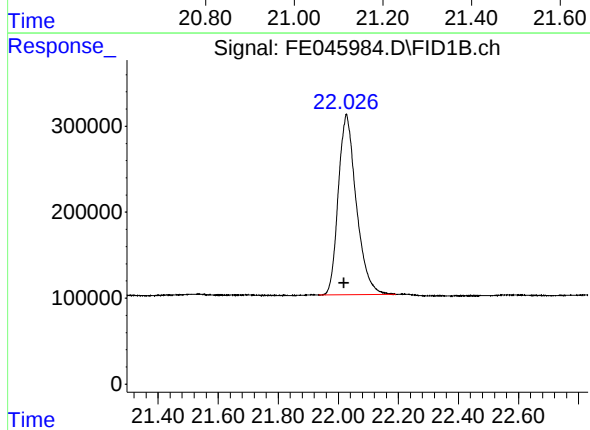
#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: -0.002 min
Response: 8078541
Conc: 50.89 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: -0.003 min
Response: 8304380
Conc: 52.96 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.026 min
Delta R.T.: 0.007 min
Response: 8734513
Conc: 61.46 ug/ml m