

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011724AL\
 Data File : FE046265.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jan 2024 09:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 17 22:38:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.826	4455249	24.516 ug/ml
Spiked Amount 50.000		Recovery =	49.03%
12) S 1-chlorooctadecane (S...	13.269	3265578	24.441 ug/ml
Spiked Amount 50.000		Recovery =	48.88%
Target Compounds			
1) T n-Nonane (C9)	3.213	3397958	22.202 ug/ml
2) T n-Decane (C10)	4.463	3610661	23.265 ug/ml
3) T A~Naphthalene (C11.7)	6.166	3829132	23.025 ug/ml
4) T n-Dodecane (C12)	6.631	3695760	23.670 ug/ml
5) T A~2-methylnaphthalene...	7.262	3767375	23.663 ug/ml
6) T n-Tetradecane (C14)	8.457	3676832	23.604 ug/ml
7) T n-Hexadecane (C16)	10.067	3762293	23.758 ug/ml
8) T n-Octadecane (C18)	11.511	3807486	24.191 ug/ml
10) T n-Eicosane (C20)	12.823	3675814	24.298 ug/ml
11) T n-Heneicosane (C21)	13.437	3602574	24.499 ug/ml
13) T n-Docosane (C22)	14.023	3572123	24.438 ug/ml
14) T n-Tetracosane (C24)	15.128	3501048	24.140 ug/ml
15) T n-Hexacosane (C26)	16.152	3404111	23.744 ug/ml
16) T n-Octacosane (C28)	17.103	3384713	23.600 ug/ml
17) T n-Tricontane (C30)	17.993	3590694	24.157 ug/ml
18) T n-Dotriacontane (C32)	18.828	3629398	24.267 ug/ml
19) T n-Tetratriacontane (C34)	19.616	3556544	24.826 ug/ml
20) T n-Hexatriacontane (C36)	20.357	3479478	23.865 ug/mlm
21) T n-Octatriacontane (C38)	21.088	3560111	24.143 ug/ml
22) T n-Tetracontane (C40)	21.984	3627100	23.173 ug/mlm

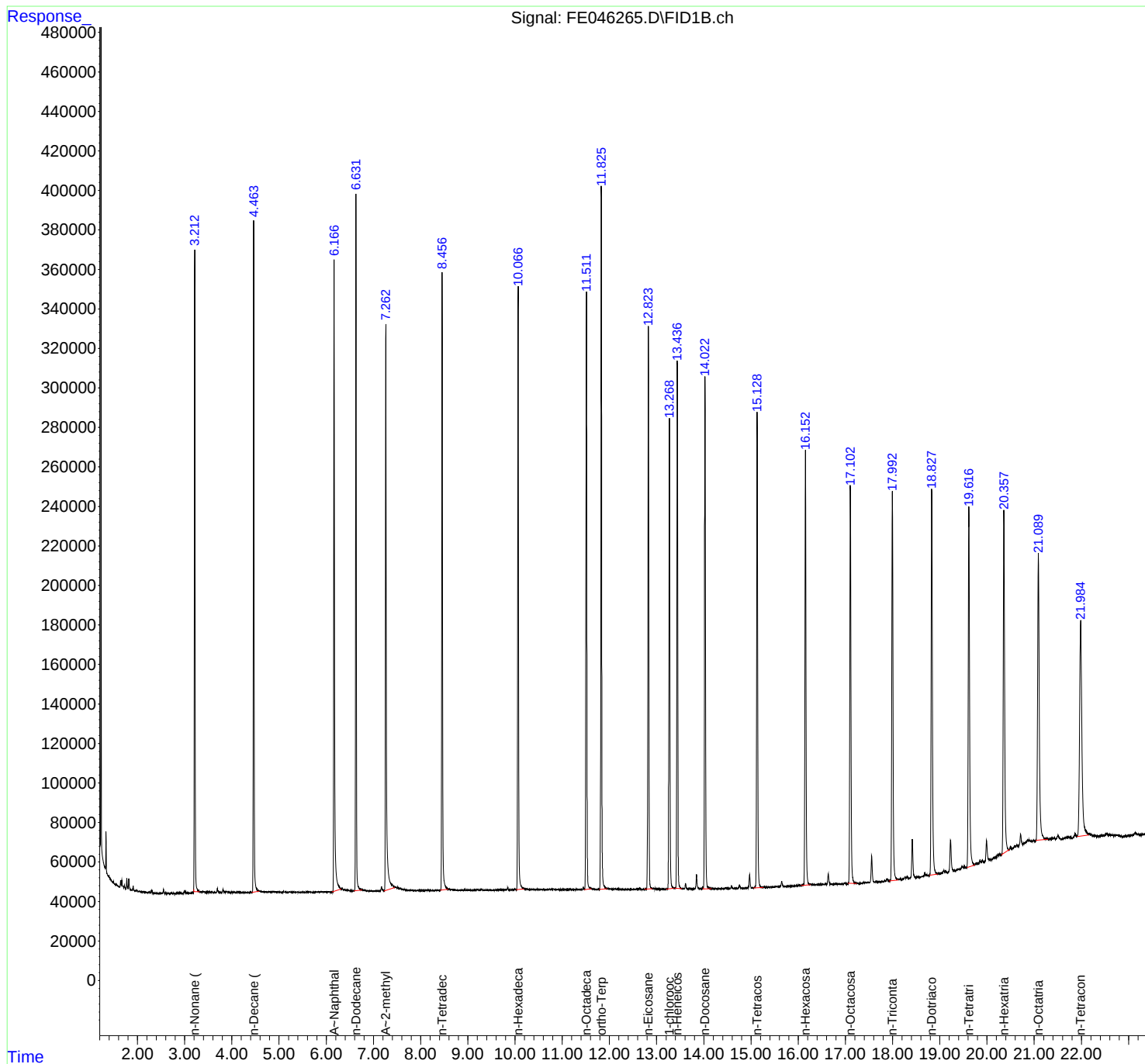
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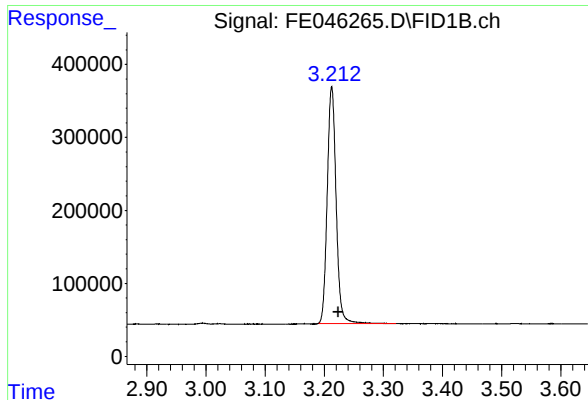
(m)=manual int.

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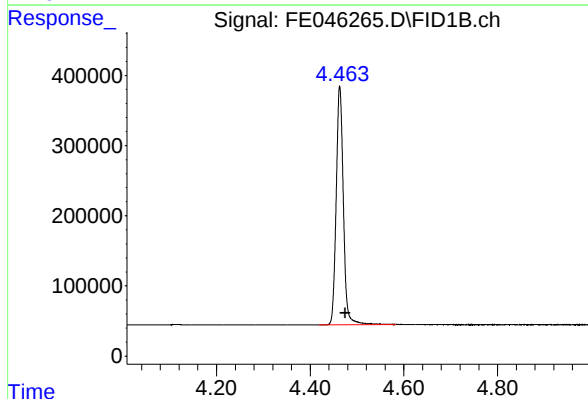
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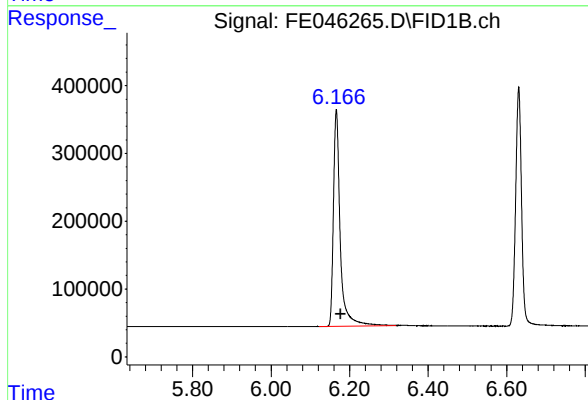
#1 n-Nonane (C9)

R.T.: 3.213 min
Delta R.T.: -0.011 min
Response: 3397958
Conc: 22.20 ug/ml



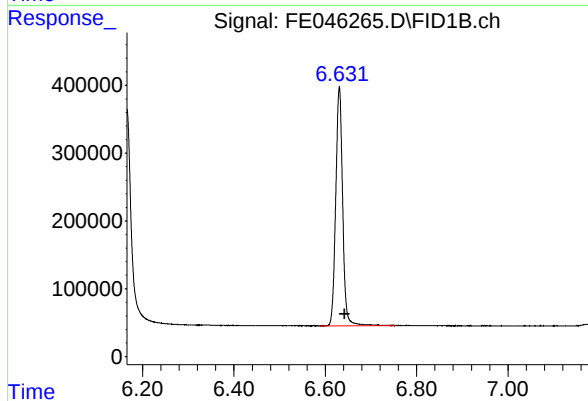
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.012 min
Response: 3610661
Conc: 23.27 ug/ml



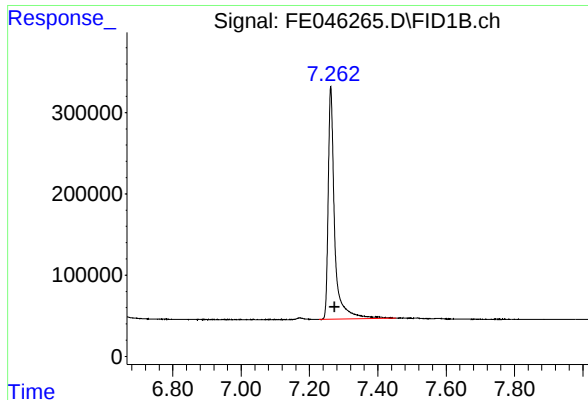
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.011 min
Response: 3829132
Conc: 23.02 ug/ml



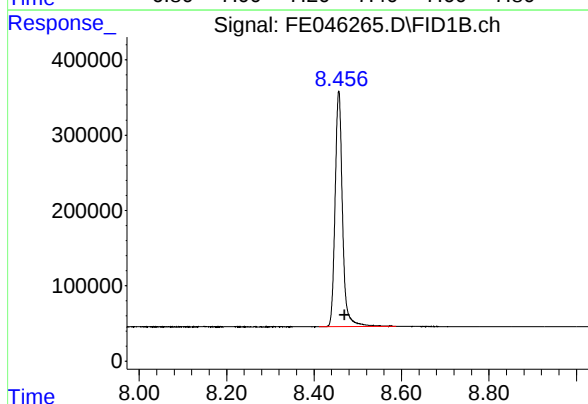
#4 n-Dodecane (C12)

R.T.: 6.631 min
Delta R.T.: -0.012 min
Response: 3695760
Conc: 23.67 ug/ml



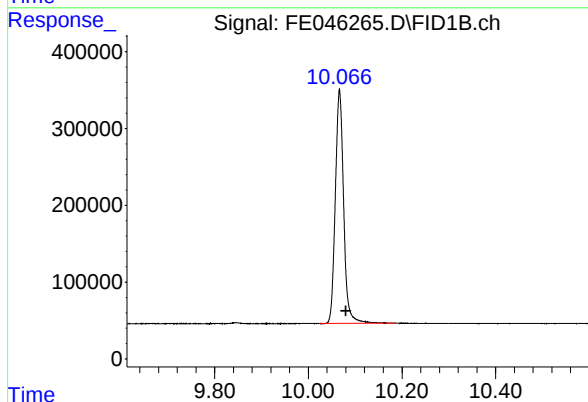
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: -0.012 min
Response: 3767375
Conc: 23.66 ug/ml



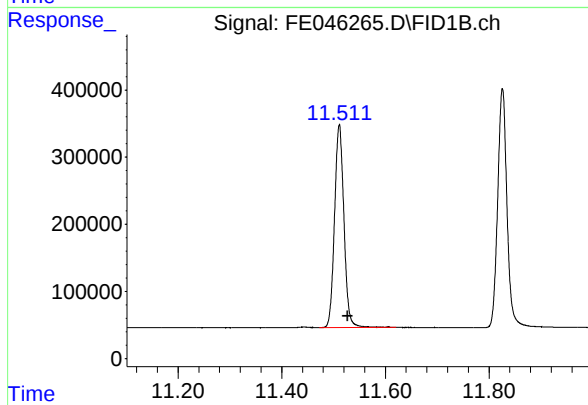
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.013 min
Response: 3676832
Conc: 23.60 ug/ml



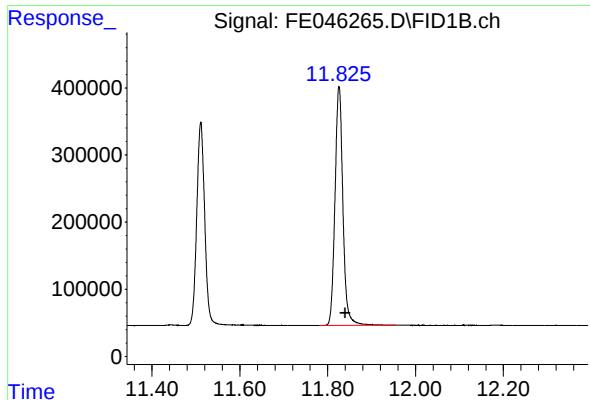
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: -0.014 min
Response: 3762293
Conc: 23.76 ug/ml



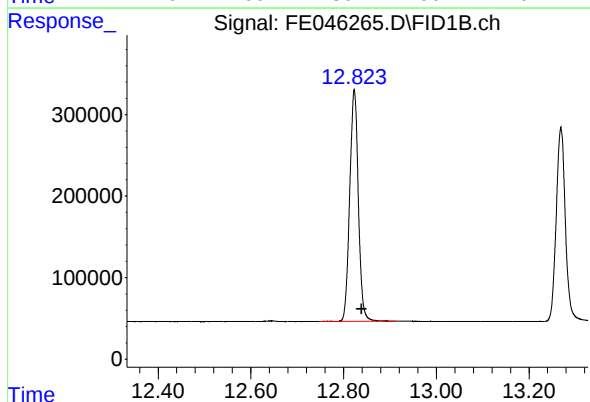
#8 n-Octadecane (C18)

R.T.: 11.511 min
Delta R.T.: -0.016 min
Response: 3807486
Conc: 24.19 ug/ml



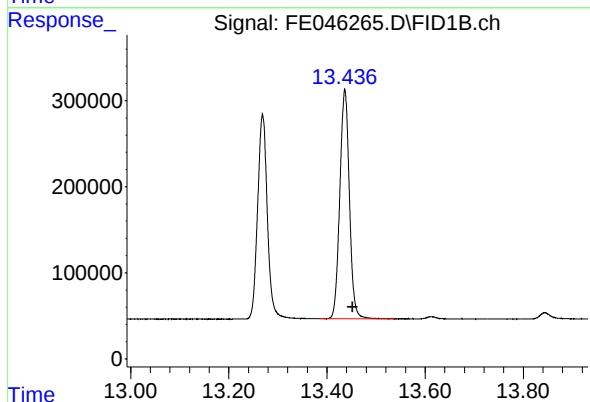
#9 ortho-Terphenyl (SURR)

R.T.: 11.826 min
Delta R.T.: -0.014 min
Response: 4455249
Conc: 24.52 ug/ml



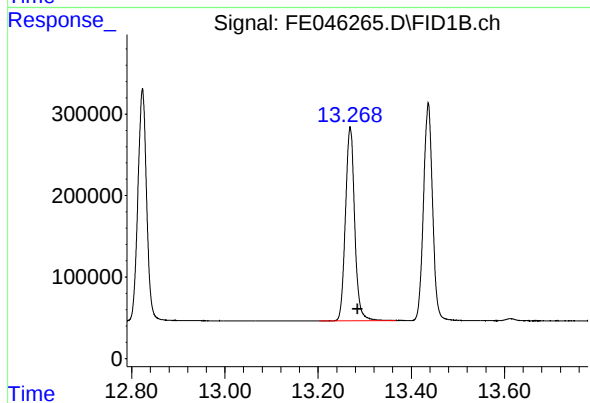
#10 n-Eicosane (C20)

R.T.: 12.823 min
Delta R.T.: -0.016 min
Response: 3675814
Conc: 24.30 ug/ml



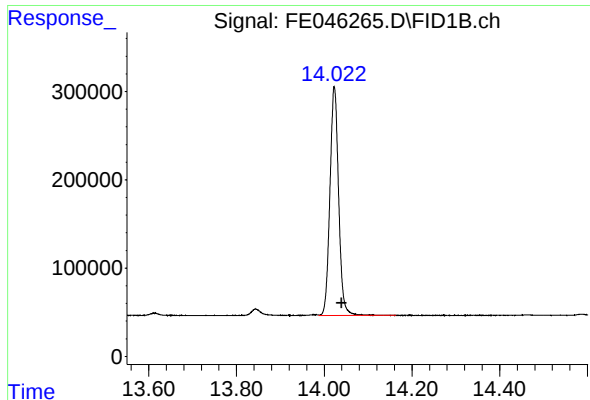
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.016 min
Response: 3602574
Conc: 24.50 ug/ml



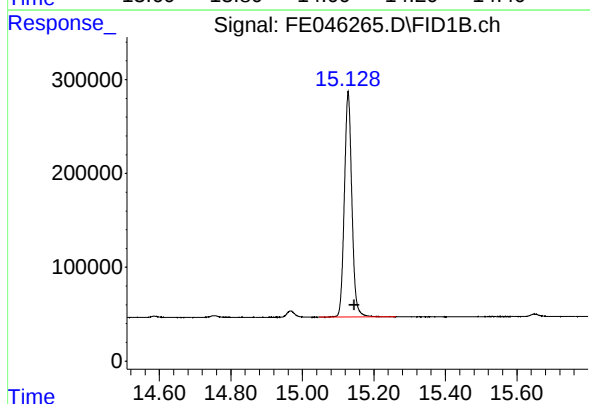
#12 1-chlorooctadecane (SURR)

R.T.: 13.269 min
Delta R.T.: -0.015 min
Response: 3265578
Conc: 24.44 ug/ml



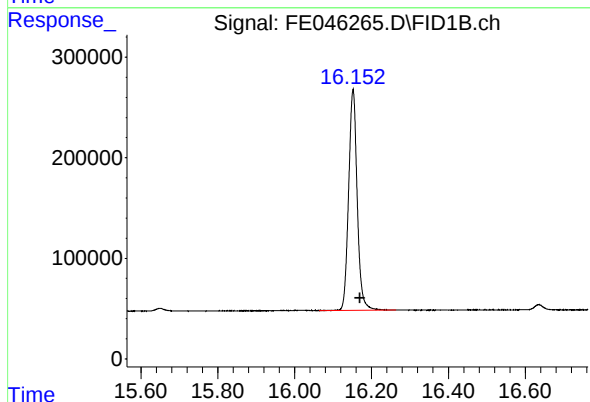
#13 n-Docosane (C22)

R.T.: 14.023 min
Delta R.T.: -0.016 min
Response: 3572123
Conc: 24.44 ug/ml



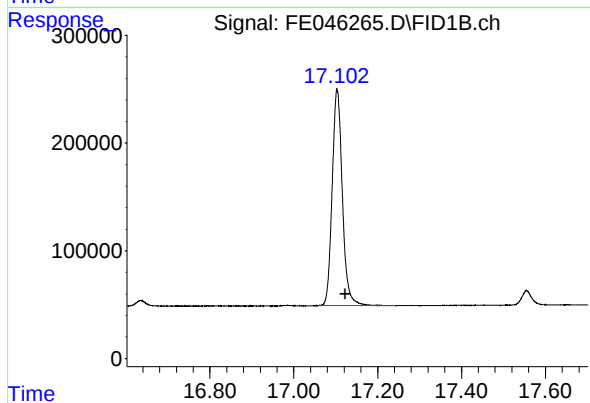
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.017 min
Response: 3501048
Conc: 24.14 ug/ml



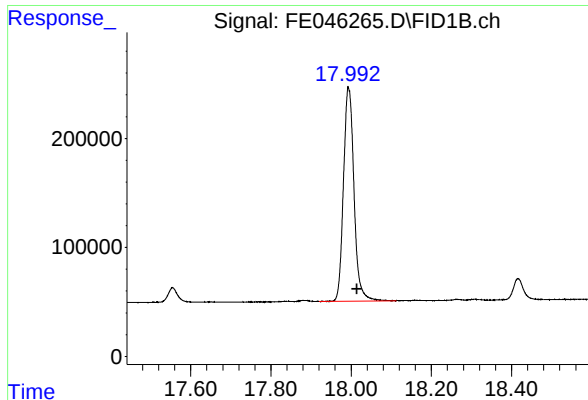
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.018 min
Response: 3404111
Conc: 23.74 ug/ml



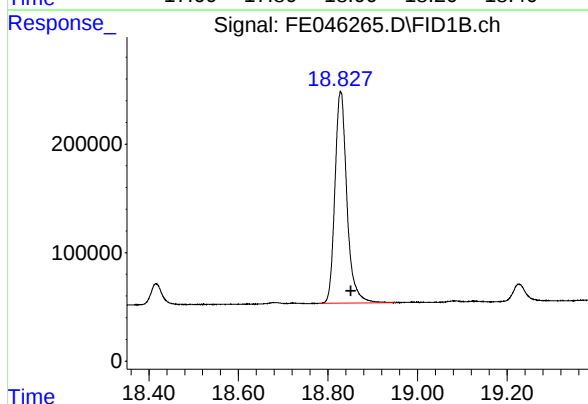
#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: -0.019 min
Response: 3384713
Conc: 23.60 ug/ml



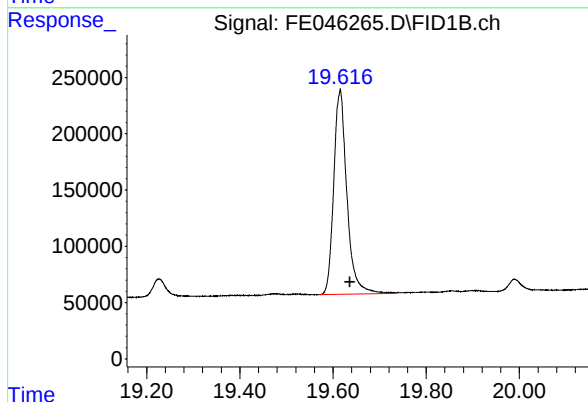
#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: -0.021 min
Response: 3590694
Conc: 24.16 ug/ml



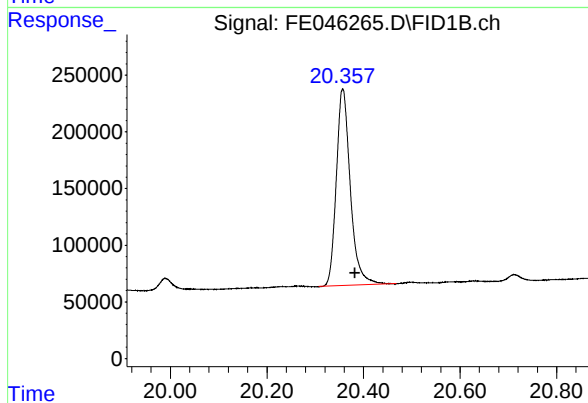
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.023 min
Response: 3629398
Conc: 24.27 ug/ml



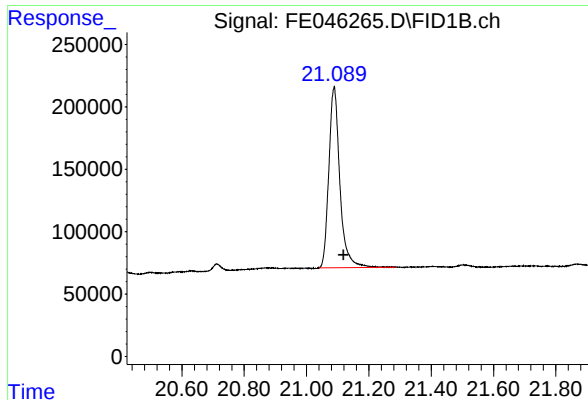
#19 n-Tetratriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.021 min
Response: 3556544
Conc: 24.83 ug/ml



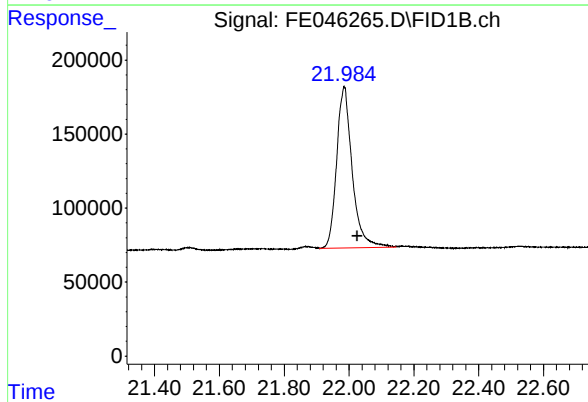
#20 n-Hexatriacontane (C36)

R.T.: 20.357 min
Delta R.T.: -0.026 min
Response: 3479478
Conc: 23.86 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: -0.031 min
Response: 3560111
Conc: 24.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: -0.041 min
Response: 3627100
Conc: 23.17 ug/ml m