

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123023AL\
 Data File : FE046037.D
 Signal(s) : FID1B.ch
 Acq On : 29 Dec 2023 11:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 23:40:09 2023
 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)	11.837	3872111	21.307 ug/ml
Spiked Amount 50.000		Recovery =	42.61%
12) S 1-chlorooctadecane (S...	13.282	2853446	21.356 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
Target Compounds			
1) T n-Nonane (C9)	3.222	3302503	21.579 ug/ml
2) T n-Decane (C10)	4.473	3342206	21.535 ug/ml
3) T A~Naphthalene (C11.7)	6.175	3604856	21.676 ug/ml
4) T n-Dodecane (C12)	6.641	3373195	21.604 ug/ml
5) T A~2-methylnaphthalene...	7.272	3473786	21.819 ug/ml
6) T n-Tetradecane (C14)	8.468	3342046	21.455 ug/ml
7) T n-Hexadecane (C16)	10.078	3380913	21.350 ug/ml
8) T n-Octadecane (C18)	11.524	3355837	21.321 ug/ml
10) T n-Eicosane (C20)	12.836	3200899	21.159 ug/ml
11) T n-Heneicosane (C21)	13.450	3114009	21.176 ug/ml
13) T n-Docosane (C22)	14.037	3073389	21.026 ug/ml
14) T n-Tetracosane (C24)	15.143	3002578	20.703 ug/ml
15) T n-Hexacosane (C26)	16.167	2941054	20.514 ug/ml
16) T n-Octacosane (C28)	17.121	2917386	20.342 ug/ml
17) T n-Tricontane (C30)	18.013	3030498	20.389 ug/ml
18) T n-Dotriacontane (C32)	18.848	3039959	20.326 ug/ml
19) T n-Tetratriacontane (C34)	19.637	2954323	20.623 ug/ml
20) T n-Hexatriacontane (C36)	20.379	2969131	20.364 ug/mlm
21) T n-Octatriacontane (C38)	21.115	3273203	22.197 ug/ml
22) T n-Tetracontane (C40)	22.013	2984844	19.069 ug/mlm

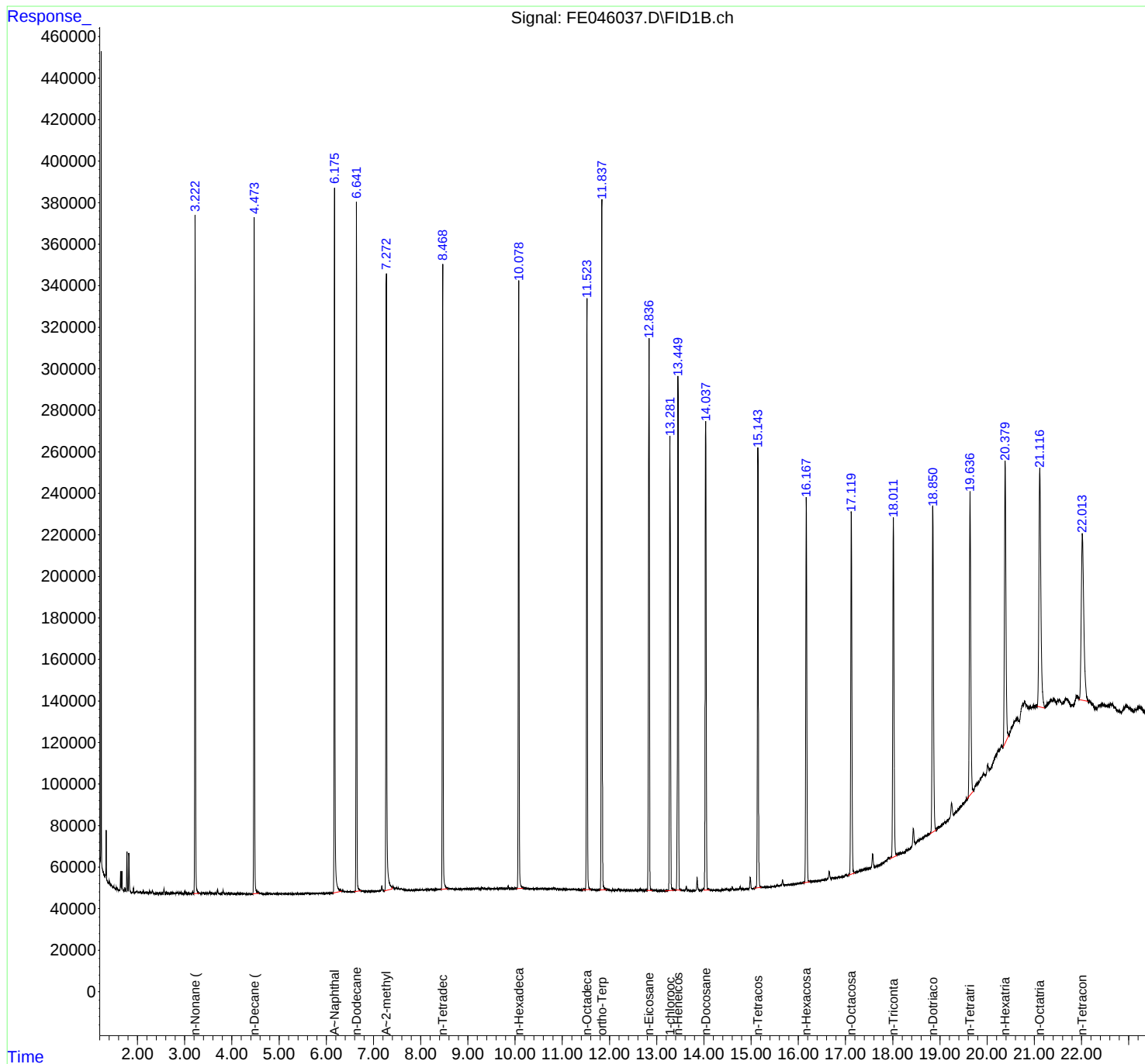
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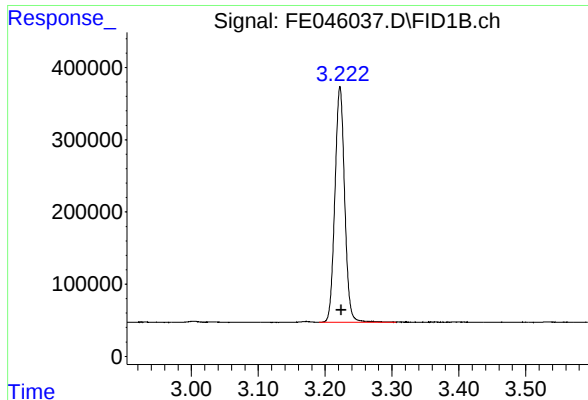
(m)=manual int.

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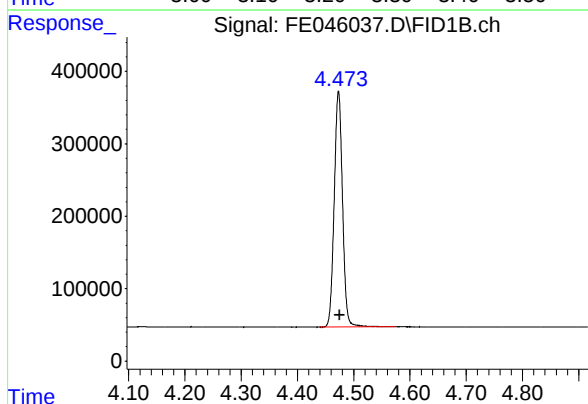
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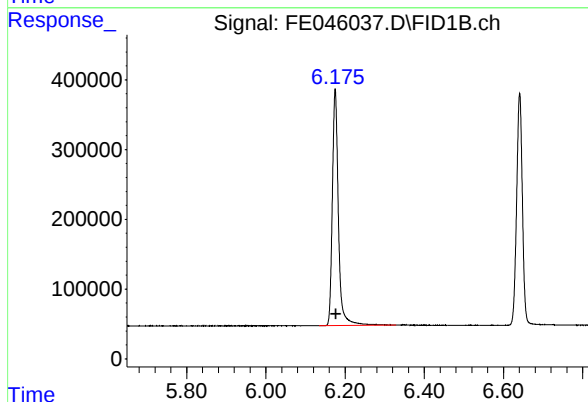
#1 n-Nonane (C9)

R.T.: 3.222 min
Delta R.T.: -0.002 min
Response: 3302503
Conc: 21.58 ug/ml



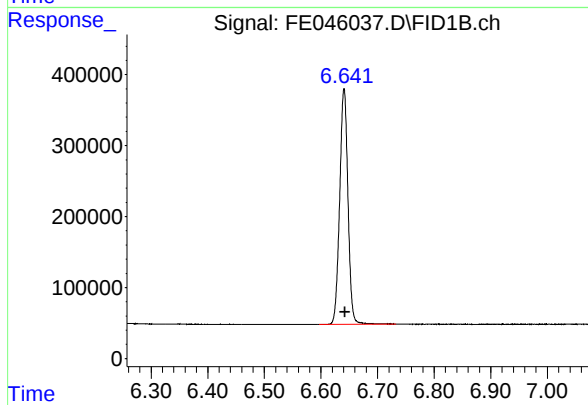
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.002 min
Response: 3342206
Conc: 21.54 ug/ml



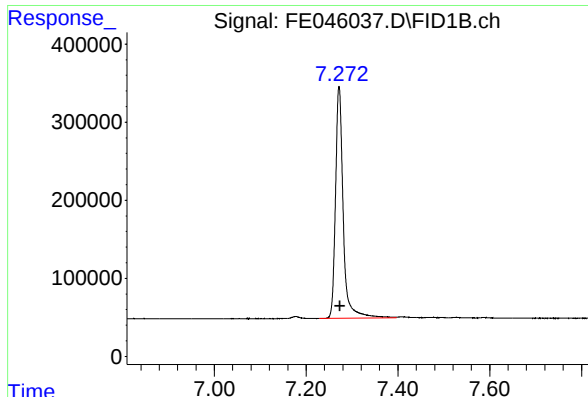
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 3604856
Conc: 21.68 ug/ml



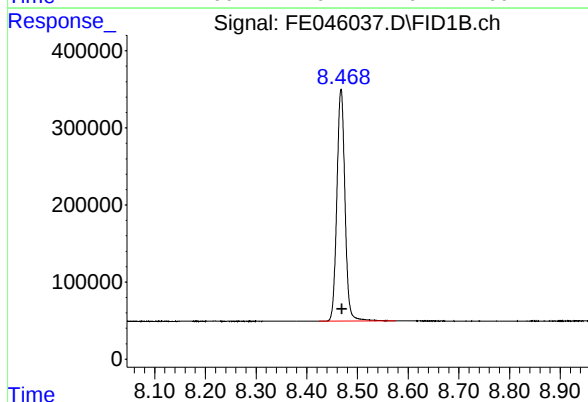
#4 n-Dodecane (C12)

R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 3373195
Conc: 21.60 ug/ml



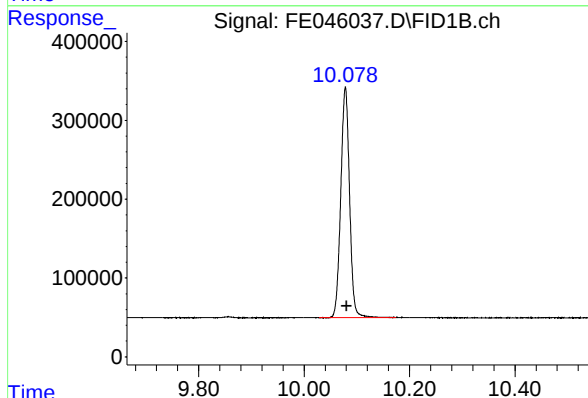
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.272 min
Delta R.T.: -0.002 min
Response: 3473786
Conc: 21.82 ug/ml



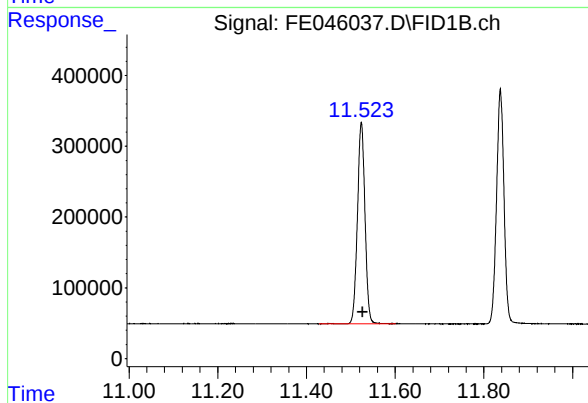
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: -0.002 min
Response: 3342046
Conc: 21.45 ug/ml



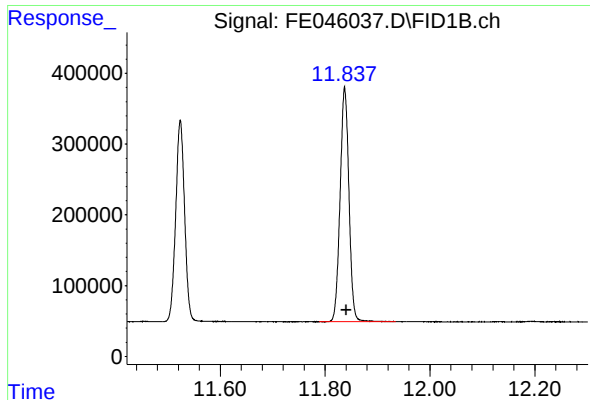
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.002 min
Response: 3380913
Conc: 21.35 ug/ml



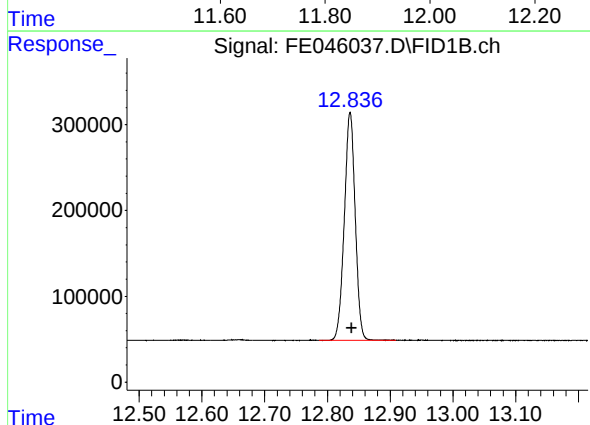
#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.003 min
Response: 3355837
Conc: 21.32 ug/ml



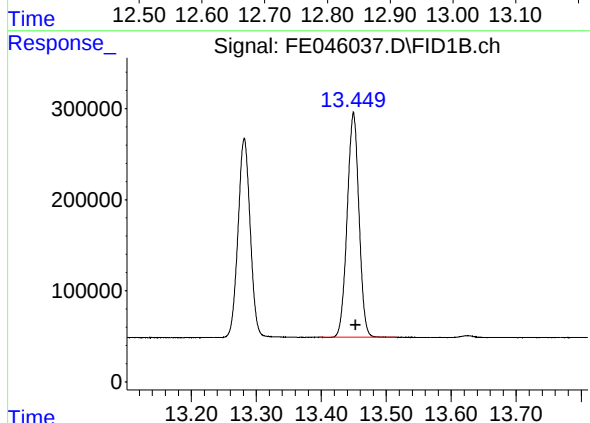
#9 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: -0.003 min
Response: 3872111
Conc: 21.31 ug/ml



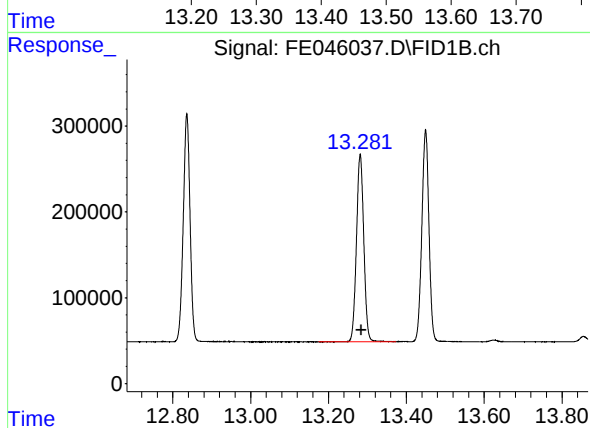
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.003 min
Response: 3200899
Conc: 21.16 ug/ml



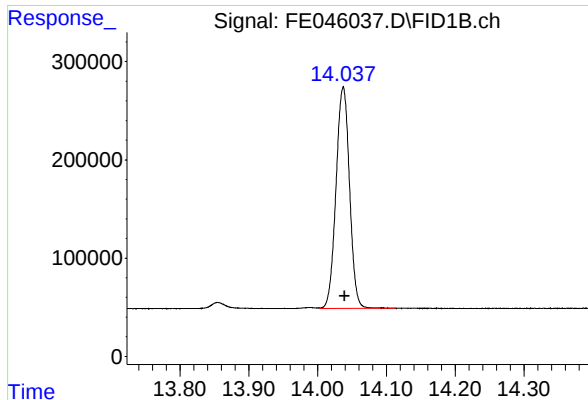
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.003 min
Response: 3114009
Conc: 21.18 ug/ml



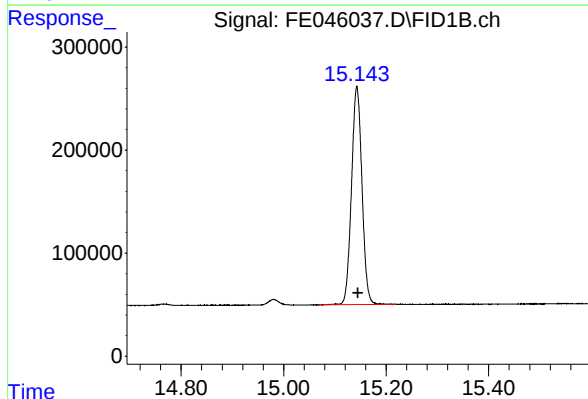
#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.003 min
Response: 2853446
Conc: 21.36 ug/ml



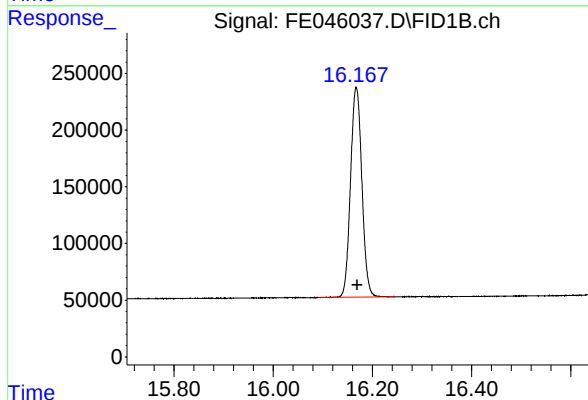
#13 n-Docosane (C22)

R.T.: 14.037 min
Delta R.T.: -0.002 min
Response: 3073389
Conc: 21.03 ug/ml



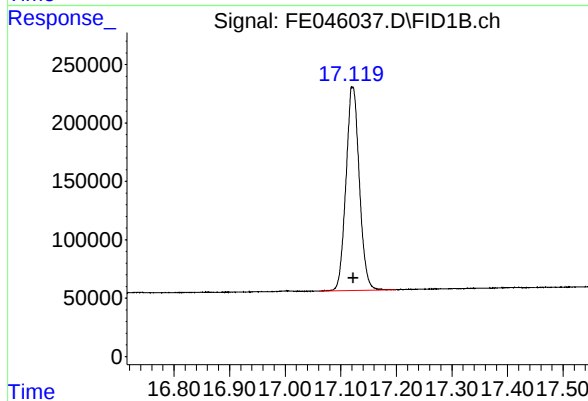
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: -0.003 min
Response: 3002578
Conc: 20.70 ug/ml



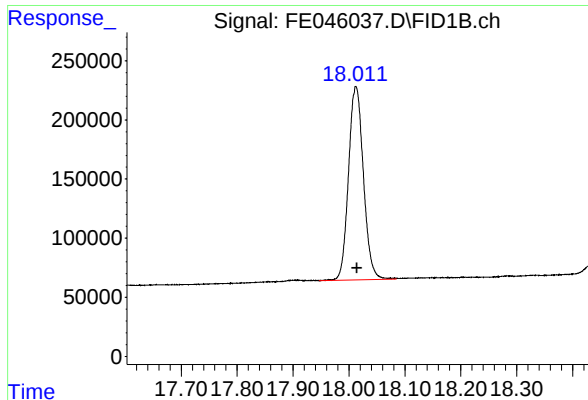
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.002 min
Response: 2941054
Conc: 20.51 ug/ml



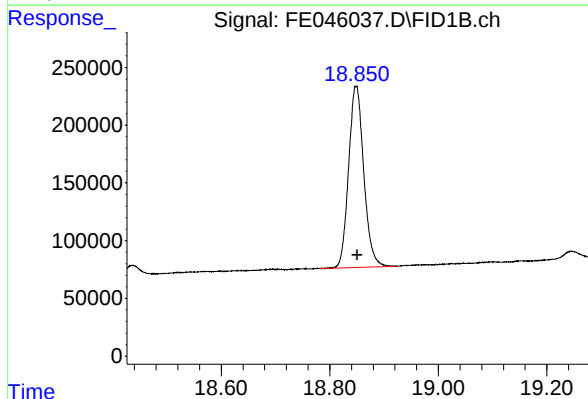
#16 n-Octacosane (C28)

R.T.: 17.121 min
Delta R.T.: -0.002 min
Response: 2917386
Conc: 20.34 ug/ml



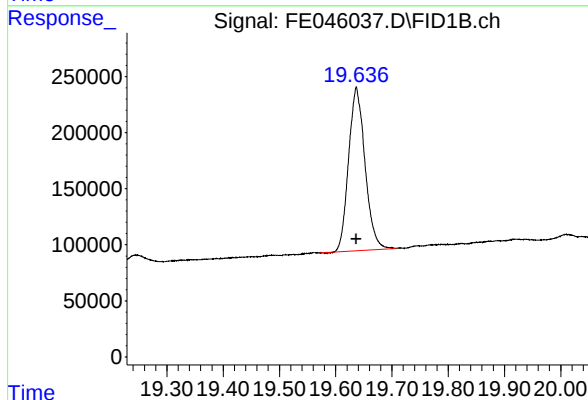
#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: -0.001 min
Response: 3030498
Conc: 20.39 ug/ml



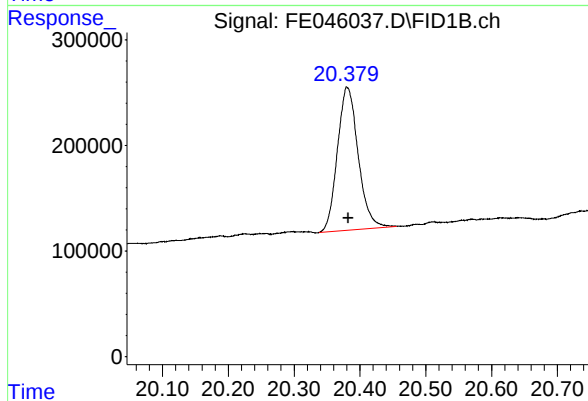
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.003 min
Response: 3039959
Conc: 20.33 ug/ml



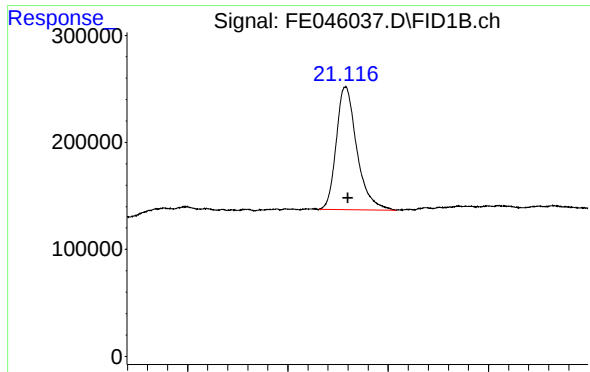
#19 n-Tetatriacontane (C34)

R.T.: 19.637 min
Delta R.T.: 0.000 min
Response: 2954323
Conc: 20.62 ug/ml



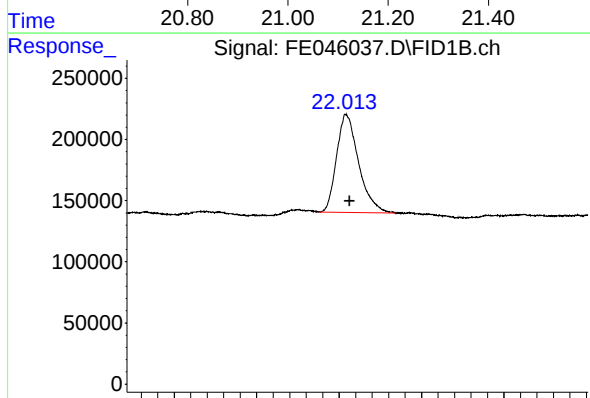
#20 n-Hexatriacontane (C36)

R.T.: 20.379 min
Delta R.T.: -0.003 min
Response: 2969131
Conc: 20.36 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: -0.005 min
Response: 3273203
Conc: 22.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.013 min
Delta R.T.: -0.012 min
Response: 2984844
Conc: 19.07 ug/ml m