

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031523AL\
 Data File : FE040805.D
 Signal(s) : FID1B.ch
 Acq On : 15 Mar 2023 09:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 16 03:11:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.877	3836918	20.539 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
12) S 1-chlorooctadecane (S...	13.316	2983761	20.160 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T n-Nonane (C9)	3.271	3295855	21.419 ug/ml
2) T n-Decane (C10)	4.519	3302381	21.951 ug/ml
3) T A~Naphthalene (C11.7)	6.221	3636350	21.923 ug/ml
4) T n-Dodecane (C12)	6.683	3370103	22.014 ug/ml
5) T A~2-methylnaphthalene...	7.316	3390000	22.399 ug/ml
6) T n-Tetradecane (C14)	8.510	3444091	22.284 ug/ml
7) T n-Hexadecane (C16)	10.117	3569887	22.102 ug/ml
8) T n-Octadecane (C18)	11.561	3627457	21.364 ug/ml
10) T n-Eicosane (C20)	12.871	3532670	20.883 ug/ml
11) T n-Heneicosane (C21)	13.483	3504075	20.449 ug/ml
13) T n-Docosane (C22)	14.070	3519243	20.543 ug/ml
14) T n-Tetracosane (C24)	15.173	3577375	20.751 ug/ml
15) T n-Hexacosane (C26)	16.196	3550336	20.889 ug/ml
16) T n-Octacosane (C28)	17.146	3702495	22.077 ug/ml
17) T n-Tricontane (C30)	18.035	3976820	24.355 ug/ml
18) T n-Dotriacontane (C32)	18.871	4048540	23.655 ug/ml
19) T n-Tetratriacontane (C34)	19.655	3702745	23.949 ug/ml
20) T n-Hexatriacontane (C36)	20.395	3202306	22.042 ug/ml
21) T n-Octatriacontane (C38)	21.126	2994590	21.786 ug/ml
22) T n-Tetracontane (C40)	22.019	3070753	19.873 ug/ml

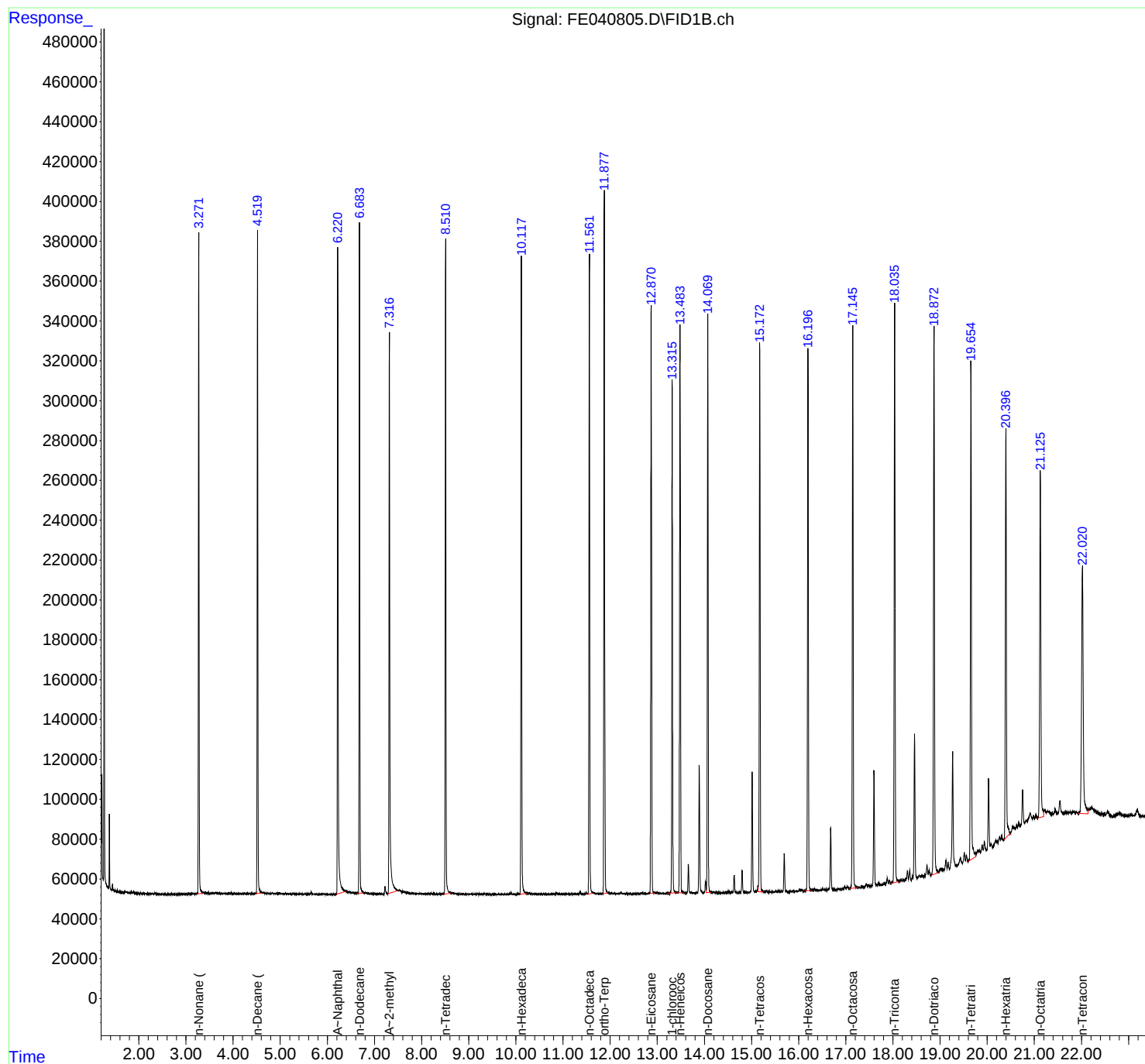
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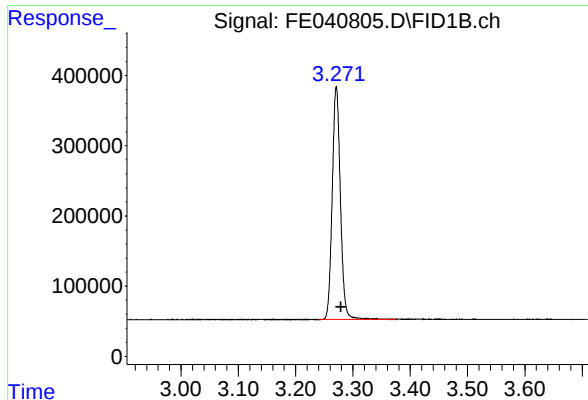
(m)=manual int.

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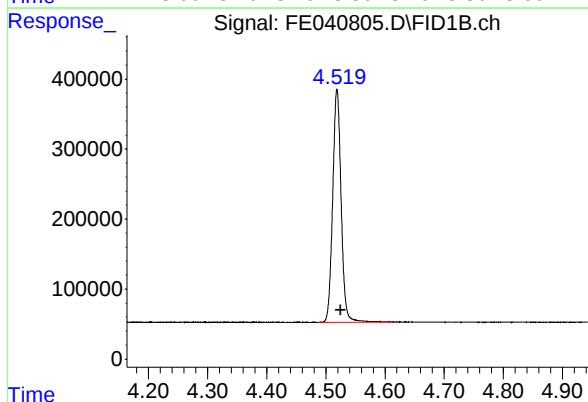
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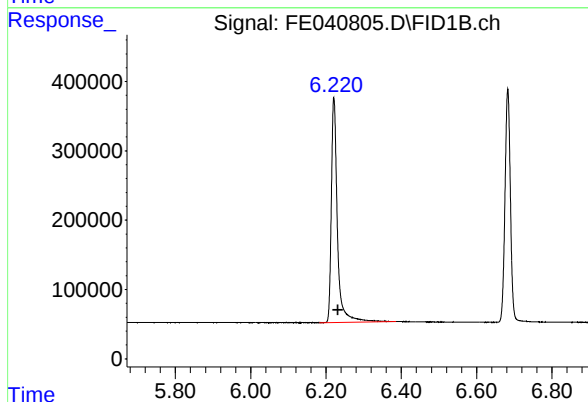
#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.008 min
Response: 3295855
Conc: 21.42 ug/ml



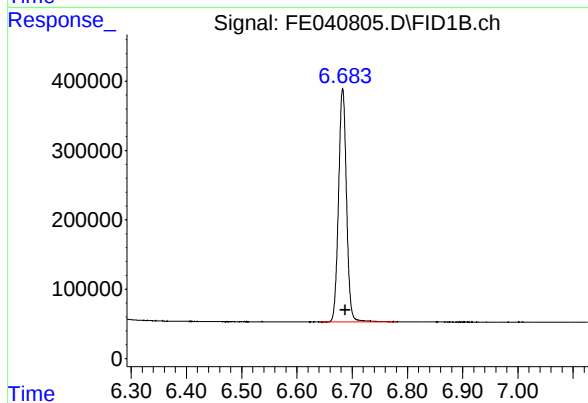
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: -0.006 min
Response: 3302381
Conc: 21.95 ug/ml



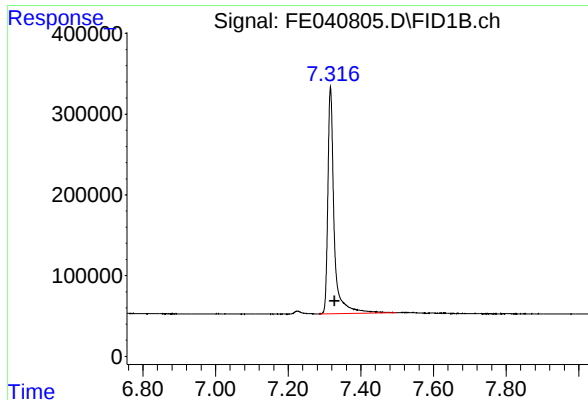
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.010 min
Response: 3636350
Conc: 21.92 ug/ml



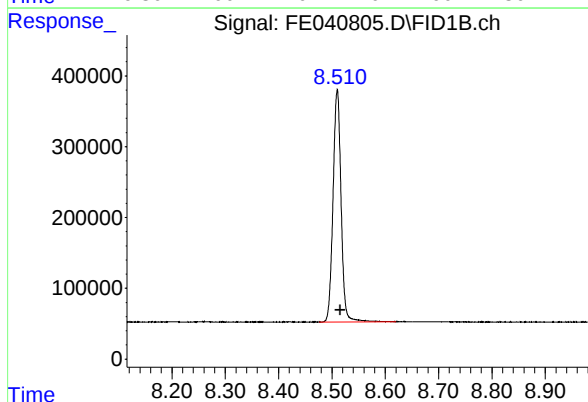
#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.005 min
Response: 3370103
Conc: 22.01 ug/ml



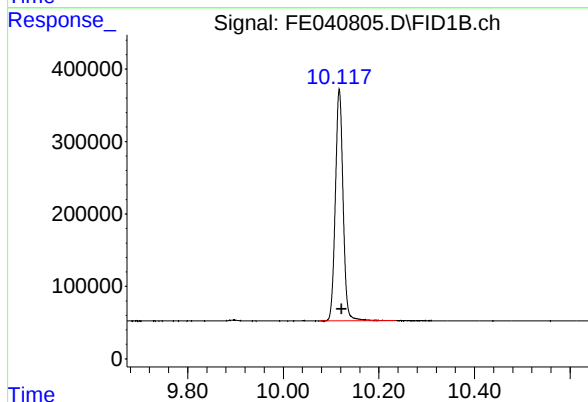
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.316 min
Delta R.T.: -0.012 min
Response: 3390000
Conc: 22.40 ug/ml



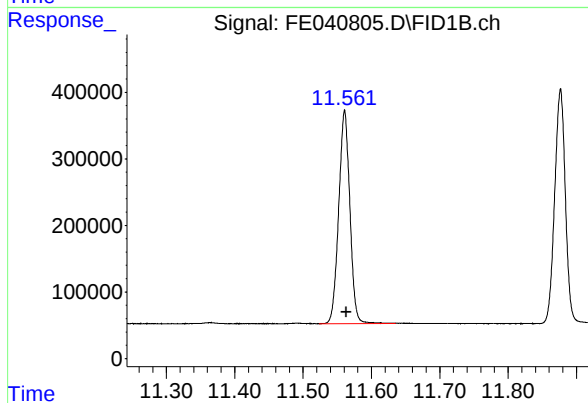
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.005 min
Response: 3444091
Conc: 22.28 ug/ml



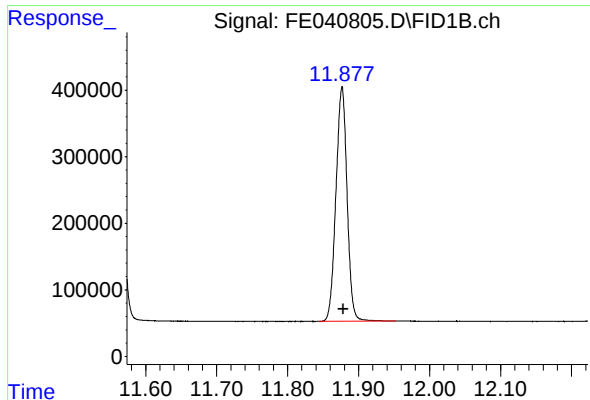
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: -0.005 min
Response: 3569887
Conc: 22.10 ug/ml



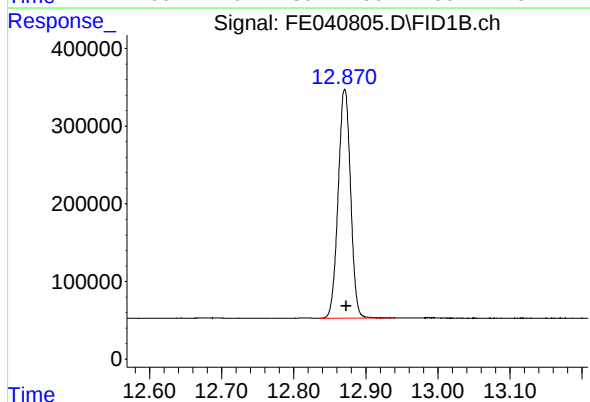
#8 n-Octadecane (C18)

R.T.: 11.561 min
Delta R.T.: -0.003 min
Response: 3627457
Conc: 21.36 ug/ml



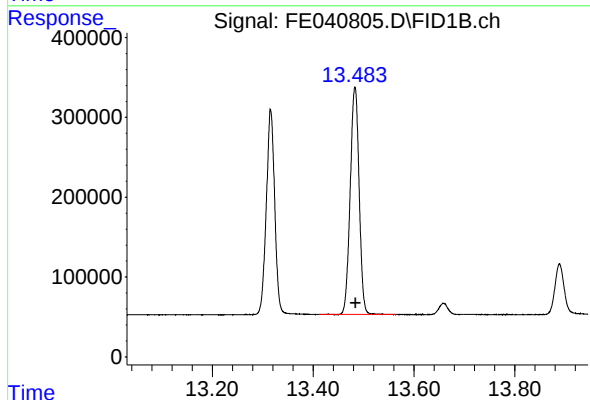
#9 ortho-Terphenyl (SURR)

R.T.: 11.877 min
Delta R.T.: -0.002 min
Response: 3836918
Conc: 20.54 ug/ml



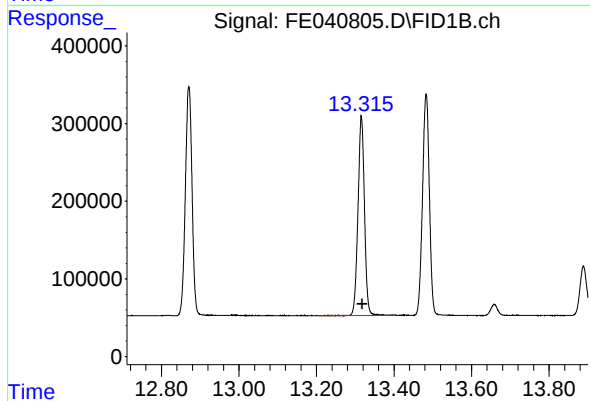
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.002 min
Response: 3532670
Conc: 20.88 ug/ml



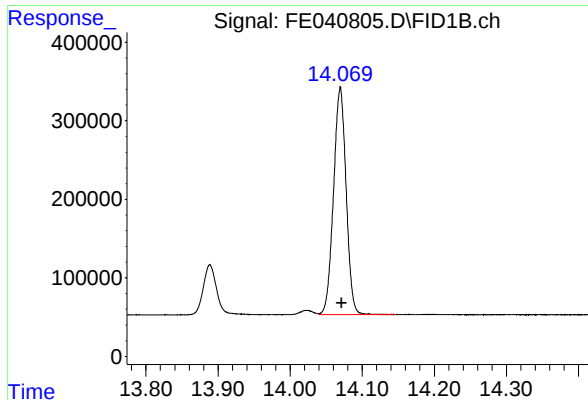
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: -0.001 min
Response: 3504075
Conc: 20.45 ug/ml



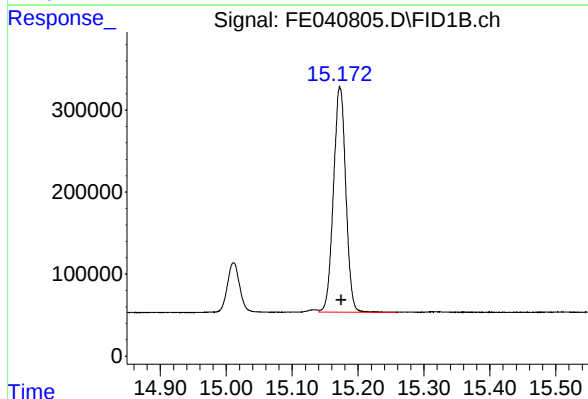
#12 1-chlorooctadecane (SURR)

R.T.: 13.316 min
Delta R.T.: -0.002 min
Response: 2983761
Conc: 20.16 ug/ml



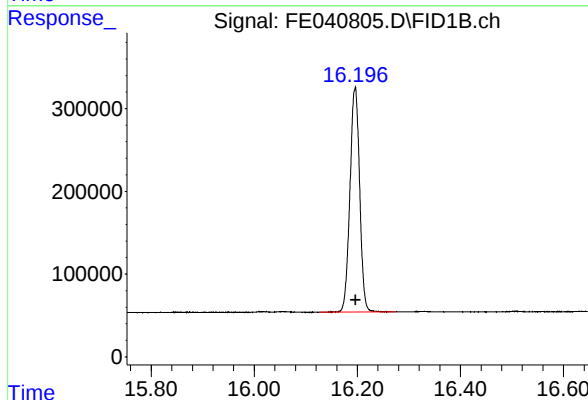
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: -0.002 min
Response: 3519243
Conc: 20.54 ug/ml



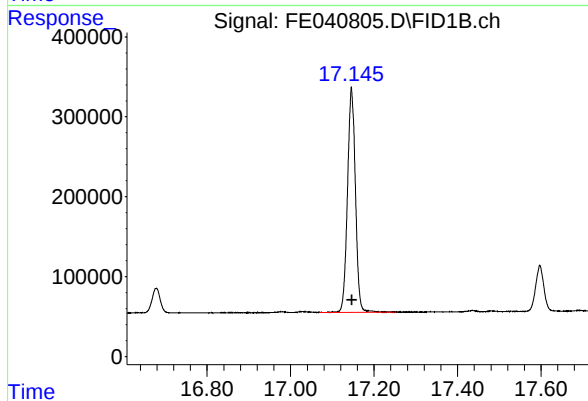
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: -0.002 min
Response: 3577375
Conc: 20.75 ug/ml



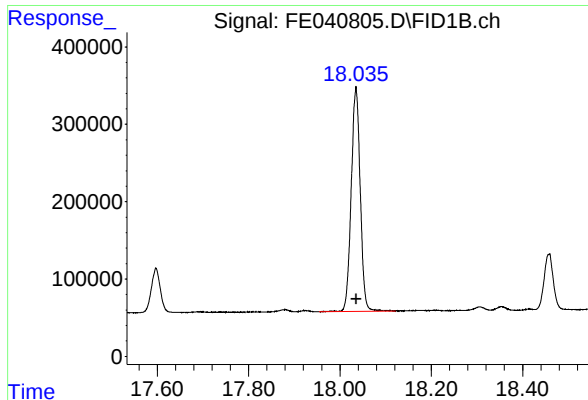
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: 0.000 min
Response: 3550336
Conc: 20.89 ug/ml



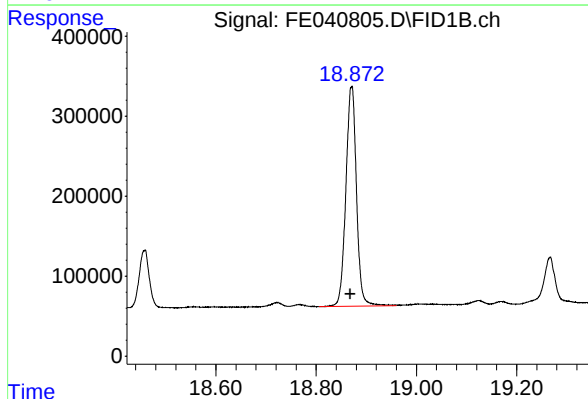
#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: -0.001 min
Response: 3702495
Conc: 22.08 ug/ml



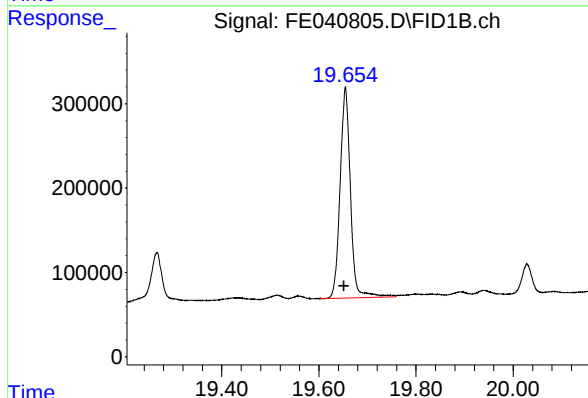
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: 0.000 min
Response: 3976820
Conc: 24.36 ug/ml



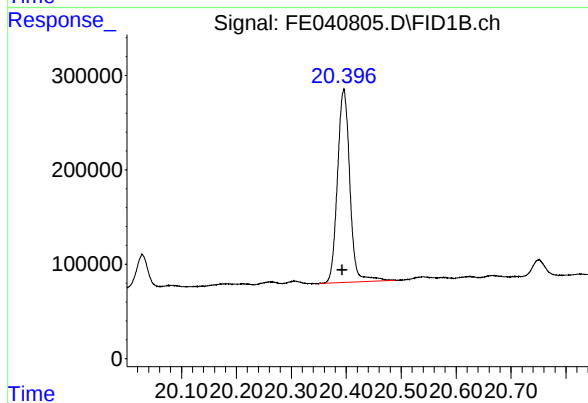
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: 0.003 min
Response: 4048540
Conc: 23.65 ug/ml



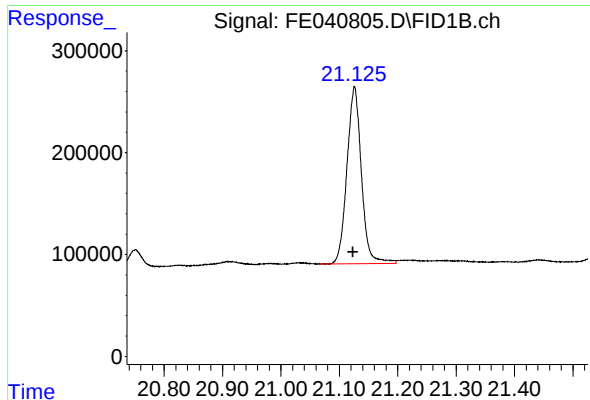
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: 0.003 min
Response: 3702745
Conc: 23.95 ug/ml



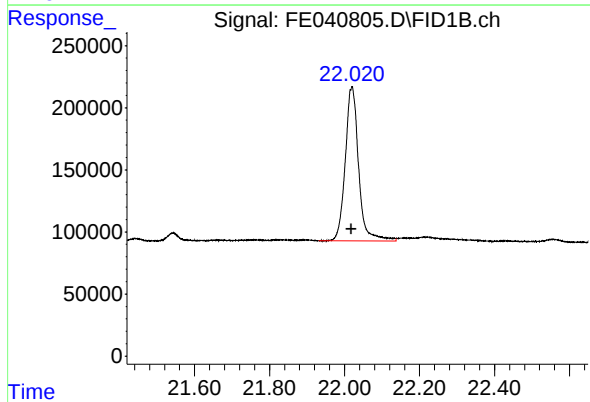
#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: 0.002 min
Response: 3202306
Conc: 22.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.126 min
Delta R.T.: 0.002 min
Response: 2994590
Conc: 21.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.019 min
Delta R.T.: 0.000 min
Response: 3070753
Conc: 19.87 ug/ml