

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041624AL\
 Data File : FE047639.D
 Signal(s) : FID1B.ch
 Acq On : 16 Apr 2024 09:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 09:39:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.985	3270009	18.853 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
12) S 1-chlorooctadecane (S...	13.418	2536558	18.860 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
Target Compounds			
1) T n-Nonane (C9)	3.362	3034807	19.398 ug/ml
2) T n-Decane (C10)	4.615	3110852	19.356 ug/ml
3) T A~Naphthalene (C11.7)	6.324	3245114	19.139 ug/ml
4) T n-Dodecane (C12)	6.781	3114215	19.187 ug/ml
5) T A~2-methylnaphthalene...	7.421	3121764	19.009 ug/ml
6) T n-Tetradecane (C14)	8.610	3072926	19.102 ug/ml
7) T n-Hexadecane (C16)	10.219	3157857	19.014 ug/ml
8) T n-Octadecane (C18)	11.662	3171945	18.915 ug/ml
10) T n-Eicosane (C20)	12.972	3052488	18.842 ug/ml
11) T n-Heneicosane (C21)	13.584	2995637	18.879 ug/ml
13) T n-Docosane (C22)	14.170	3008249	18.745 ug/ml
14) T n-Tetracosane (C24)	15.273	3065906	18.574 ug/ml
15) T n-Hexacosane (C26)	16.293	3056822	18.493 ug/ml
16) T n-Octacosane (C28)	17.244	3076382	18.564 ug/ml
17) T n-Tricontane (C30)	18.131	3213411	18.927 ug/ml
18) T n-Dotriacontane (C32)	18.962	3232189	19.383 ug/ml
19) T n-Tetratriacontane (C34)	19.747	3175024	19.796 ug/ml
20) T n-Hexatriacontane (C36)	20.487	3231216	20.259 ug/ml
21) T n-Octatriacontane (C38)	21.231	3189935	19.628 ug/ml
22) T n-Tetracontane (C40)	22.163	3035272	18.539 ug/ml

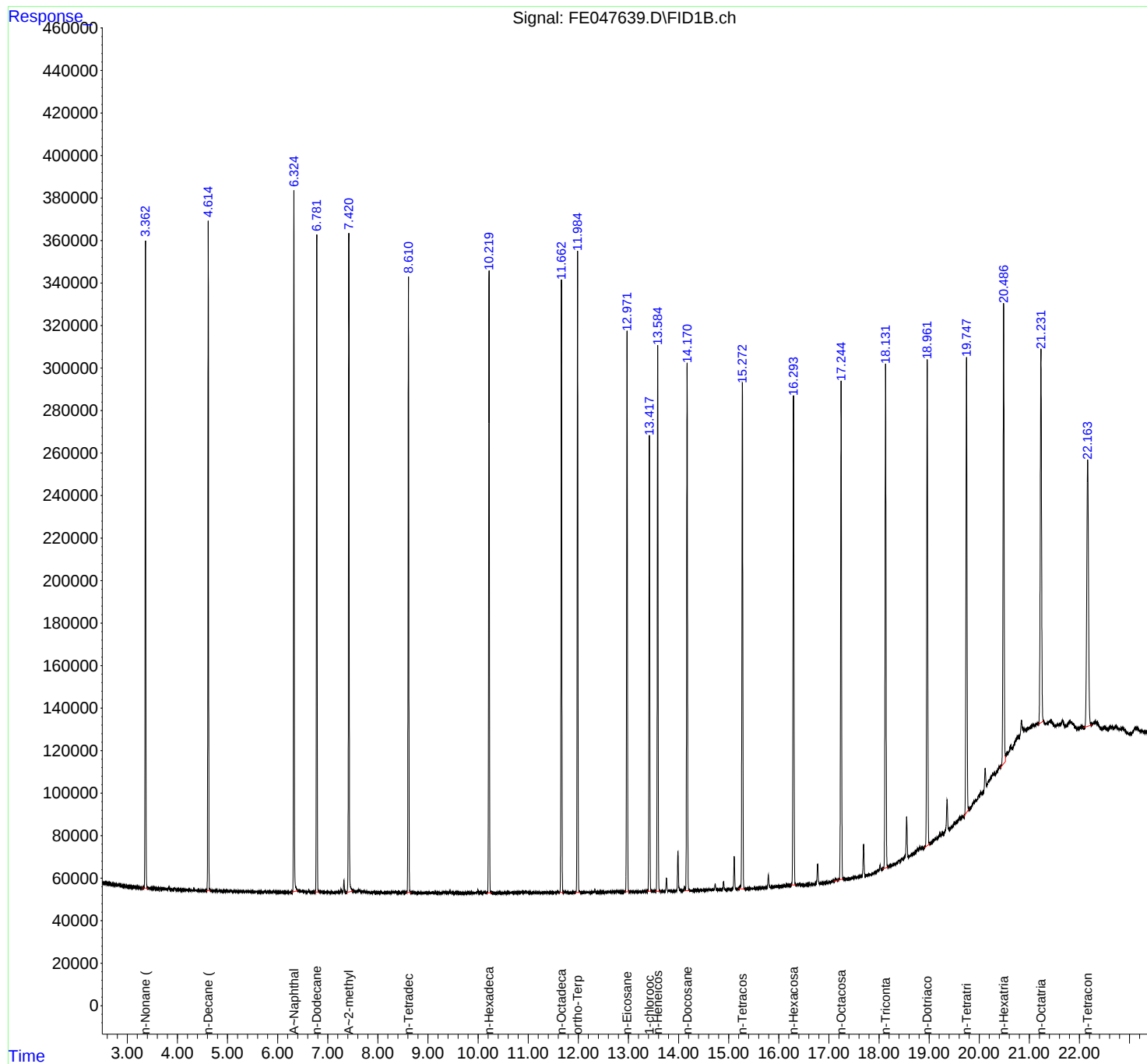
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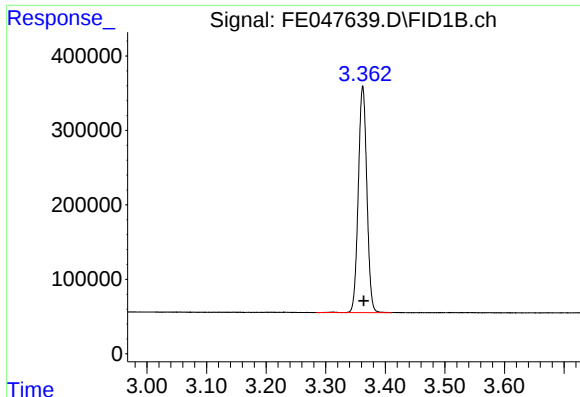
(m)=manual int.

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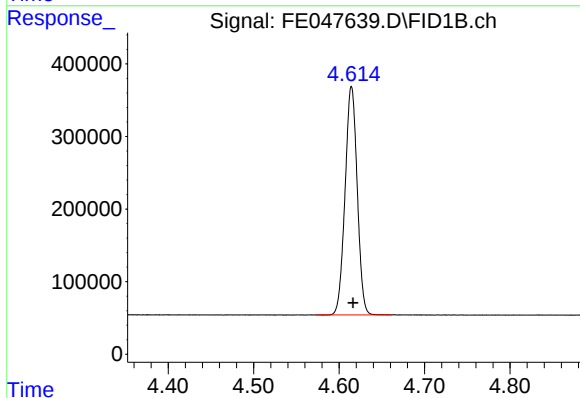
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Signal Info : 20M x 0.18mm x 0.18um





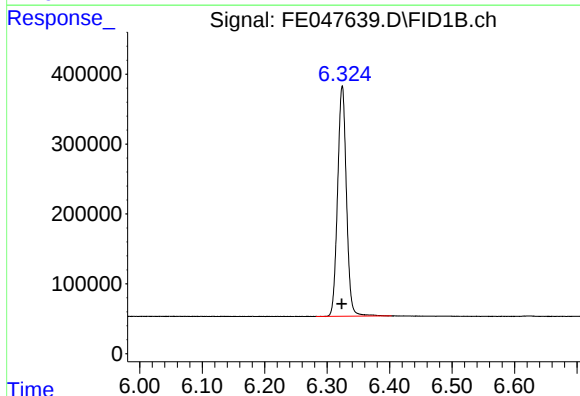
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: -0.002 min
Response: 3034807
Conc: 19.40 ug/ml



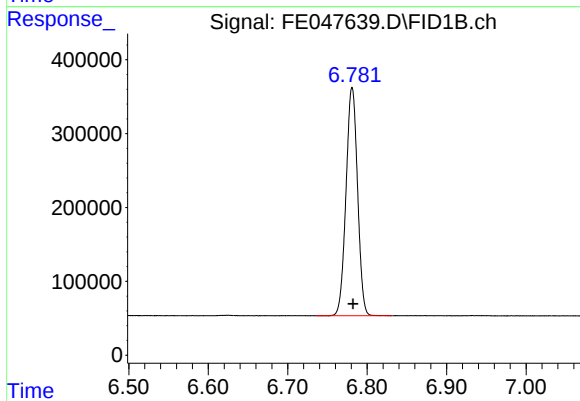
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 3110852
Conc: 19.36 ug/ml



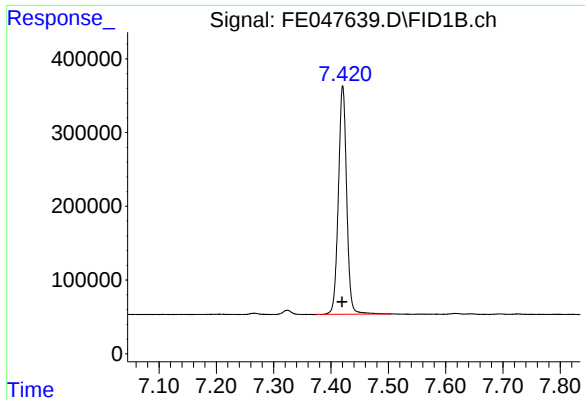
#3 A~Naphthalene (C11.7)

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 3245114
Conc: 19.14 ug/ml



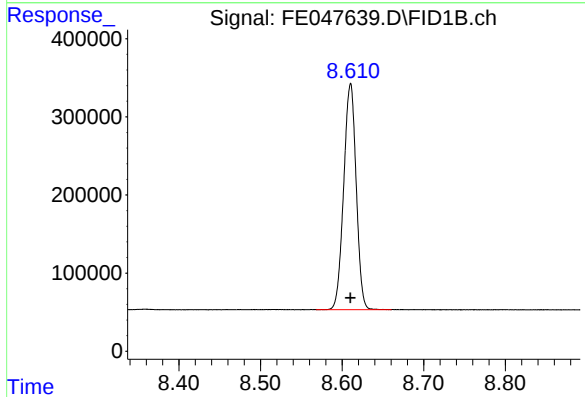
#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: -0.001 min
Response: 3114215
Conc: 19.19 ug/ml



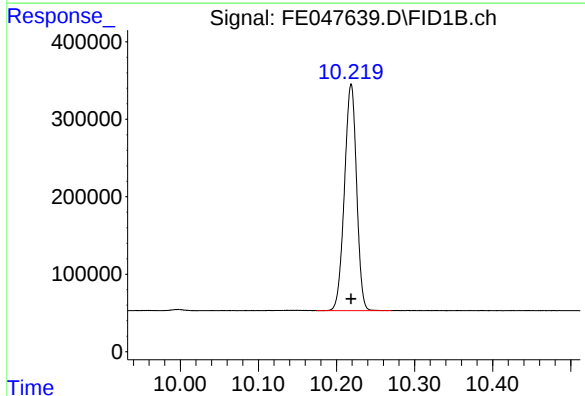
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 3121764
Conc: 19.01 ug/ml



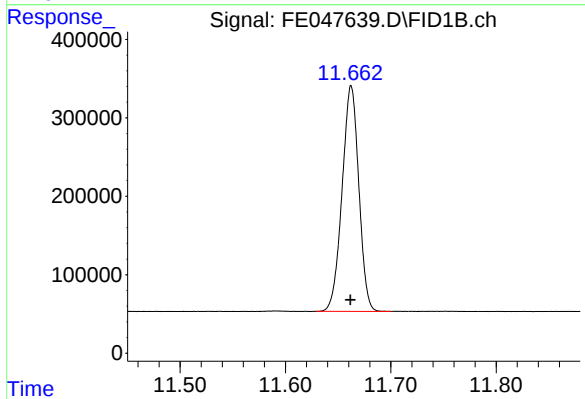
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 3072926
Conc: 19.10 ug/ml



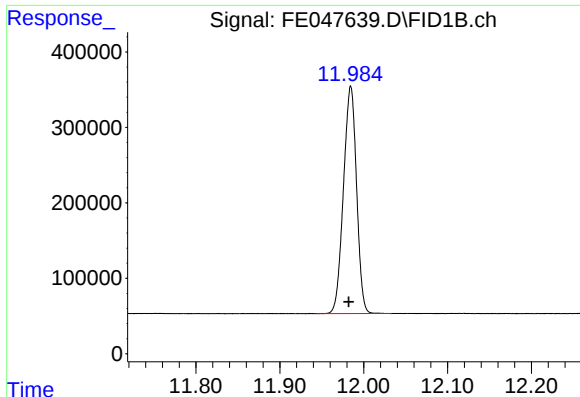
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.000 min
Response: 3157857
Conc: 19.01 ug/ml



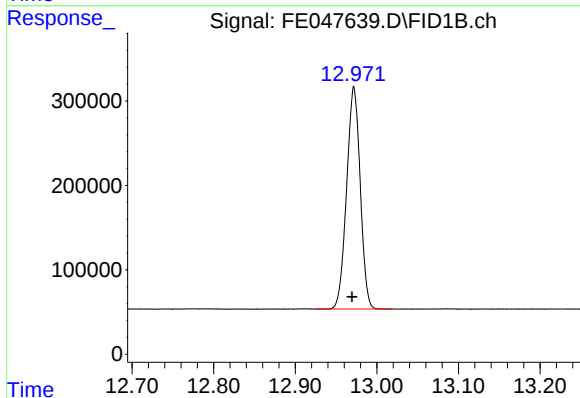
#8 n-Octadecane (C18)

R.T.: 11.662 min
Delta R.T.: 0.000 min
Response: 3171945
Conc: 18.91 ug/ml



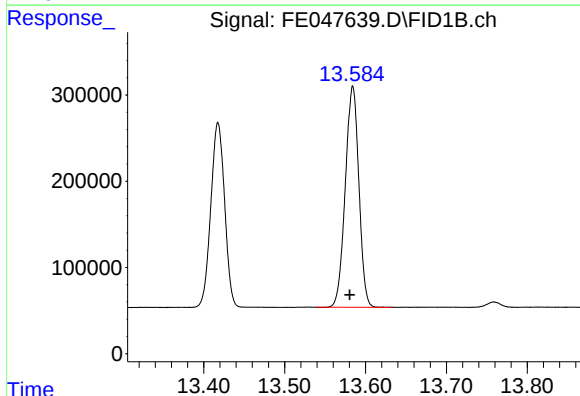
#9 ortho-Terphenyl (SURR)

R.T.: 11.985 min
Delta R.T.: 0.003 min
Response: 3270009
Conc: 18.85 ug/ml



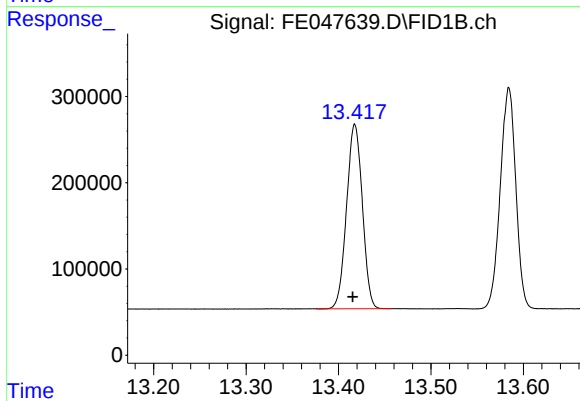
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: 0.002 min
Response: 3052488
Conc: 18.84 ug/ml



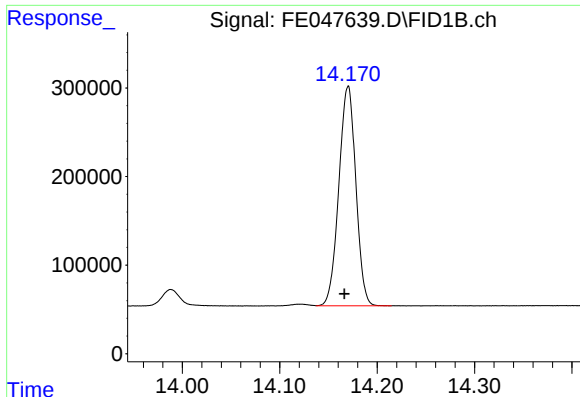
#11 n-Heneicosane (C21)

R.T.: 13.584 min
Delta R.T.: 0.004 min
Response: 2995637
Conc: 18.88 ug/ml



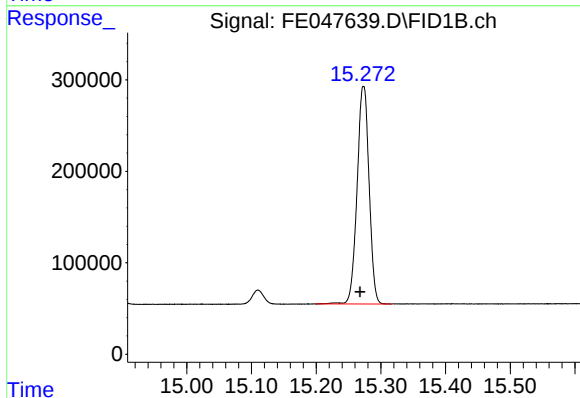
#12 1-chlorooctadecane (SURR)

R.T.: 13.418 min
Delta R.T.: 0.002 min
Response: 2536558
Conc: 18.86 ug/ml



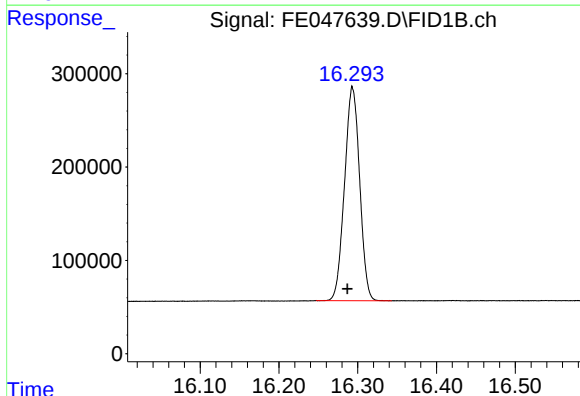
#13 n-Docosane (C22)

R.T.: 14.170 min
Delta R.T.: 0.004 min
Response: 3008249
Conc: 18.75 ug/ml



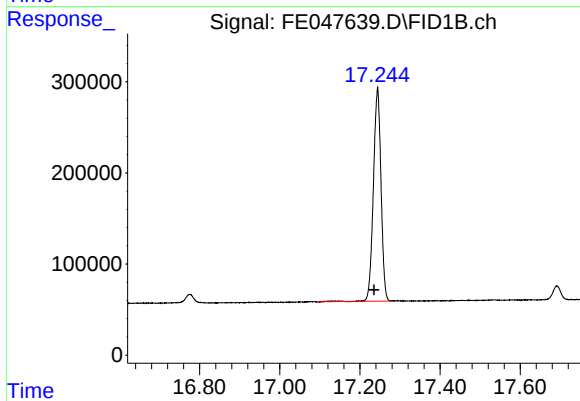
#14 n-Tetracosane (C24)

R.T.: 15.273 min
Delta R.T.: 0.006 min
Response: 3065906
Conc: 18.57 ug/ml



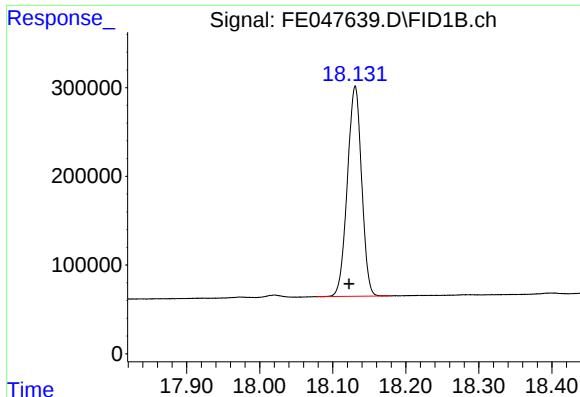
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.006 min
Response: 3056822
Conc: 18.49 ug/ml



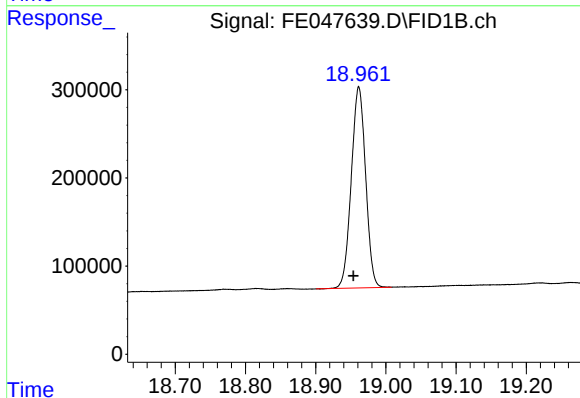
#16 n-Octacosane (C28)

R.T.: 17.244 min
Delta R.T.: 0.009 min
Response: 3076382
Conc: 18.56 ug/ml



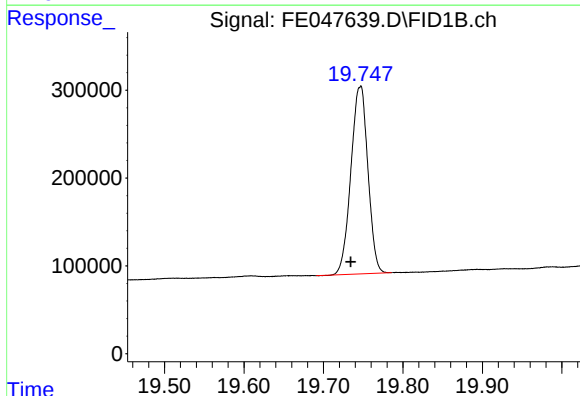
#17 n-Tricontane (C30)

R.T.: 18.131 min
Delta R.T.: 0.009 min
Response: 3213411
Conc: 18.93 ug/ml



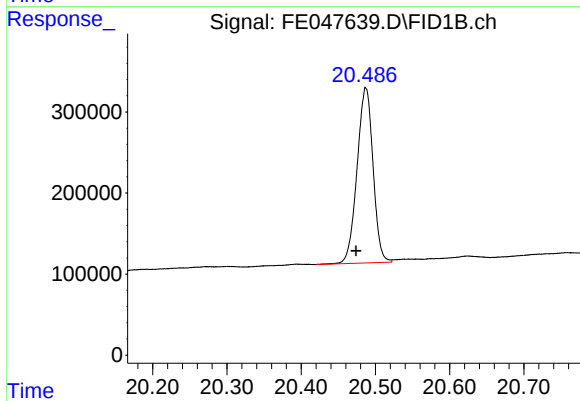
#18 n-Dotriacontane (C32)

R.T.: 18.962 min
Delta R.T.: 0.008 min
Response: 3232189
Conc: 19.38 ug/ml



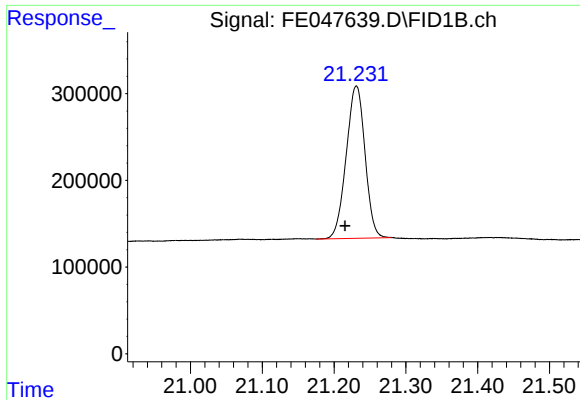
#19 n-Tetratriacontane (C34)

R.T.: 19.747 min
Delta R.T.: 0.012 min
Response: 3175024
Conc: 19.80 ug/ml



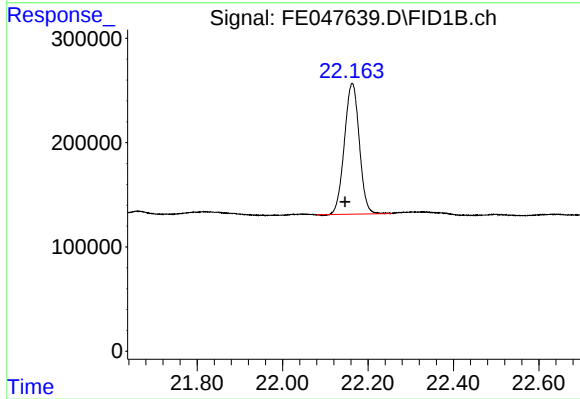
#20 n-Hexatriacontane (C36)

R.T.: 20.487 min
Delta R.T.: 0.013 min
Response: 3231216
Conc: 20.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.231 min
Delta R.T.: 0.015 min
Response: 3189935
Conc: 19.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.163 min
Delta R.T.: 0.017 min
Response: 3035272
Conc: 18.54 ug/ml