

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032324AL\
 Data File : FE047284.D
 Signal(s) : FID1B.ch
 Acq On : 22 Mar 2024 20:32
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 23 01:27:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:27:26 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)	11.990	14122861	94.444 ug/ml
Spiked Amount 50.000		Recovery =	188.89%
12) S 1-chlorooctadecane (S...	13.422	10970051	94.657 ug/ml
Spiked Amount 50.000		Recovery =	189.31%
Target Compounds			
1) T n-Nonane (C9)	3.370	13142134	93.851 ug/ml
2) T n-Decane (C10)	4.623	13425021	93.942 ug/ml
3) T A~Naphthalene (C11.7)	6.330	14113179	94.386 ug/ml
4) T n-Dodecane (C12)	6.789	13476467	94.053 ug/ml
5) T A~2-methylnaphthalene...	7.426	13604867	94.505 ug/ml
6) T n-Tetradecane (C14)	8.617	13270788	94.159 ug/ml
7) T n-Hexadecane (C16)	10.224	13595646	94.211 ug/ml
8) T n-Octadecane (C18)	11.669	13651976	94.380 ug/ml
10) T n-Eicosane (C20)	12.977	13083781	94.415 ug/ml
11) T n-Heneicosane (C21)	13.588	12870466	94.498 ug/ml
13) T n-Docosane (C22)	14.174	12784006	94.452 ug/ml
14) T n-Tetracosane (C24)	15.276	12721251	94.493 ug/ml
15) T n-Hexacosane (C26)	16.294	12559737	94.452 ug/ml
16) T n-Octacosane (C28)	17.242	12384244	94.451 ug/ml
17) T n-Tricontane (C30)	18.129	12600240	94.523 ug/ml
18) T n-Dotriacontane (C32)	18.960	12464253	94.534 ug/ml
19) T n-Tetratriacontane (C34)	19.741	12421081	94.529 ug/ml
20) T n-Hexatriacontane (C36)	20.481	12398350	94.357 ug/ml
21) T n-Octatriacontane (C38)	21.225	12621632	94.485 ug/ml
22) T n-Tetracontane (C40)	22.158	12845228	94.480 ug/ml

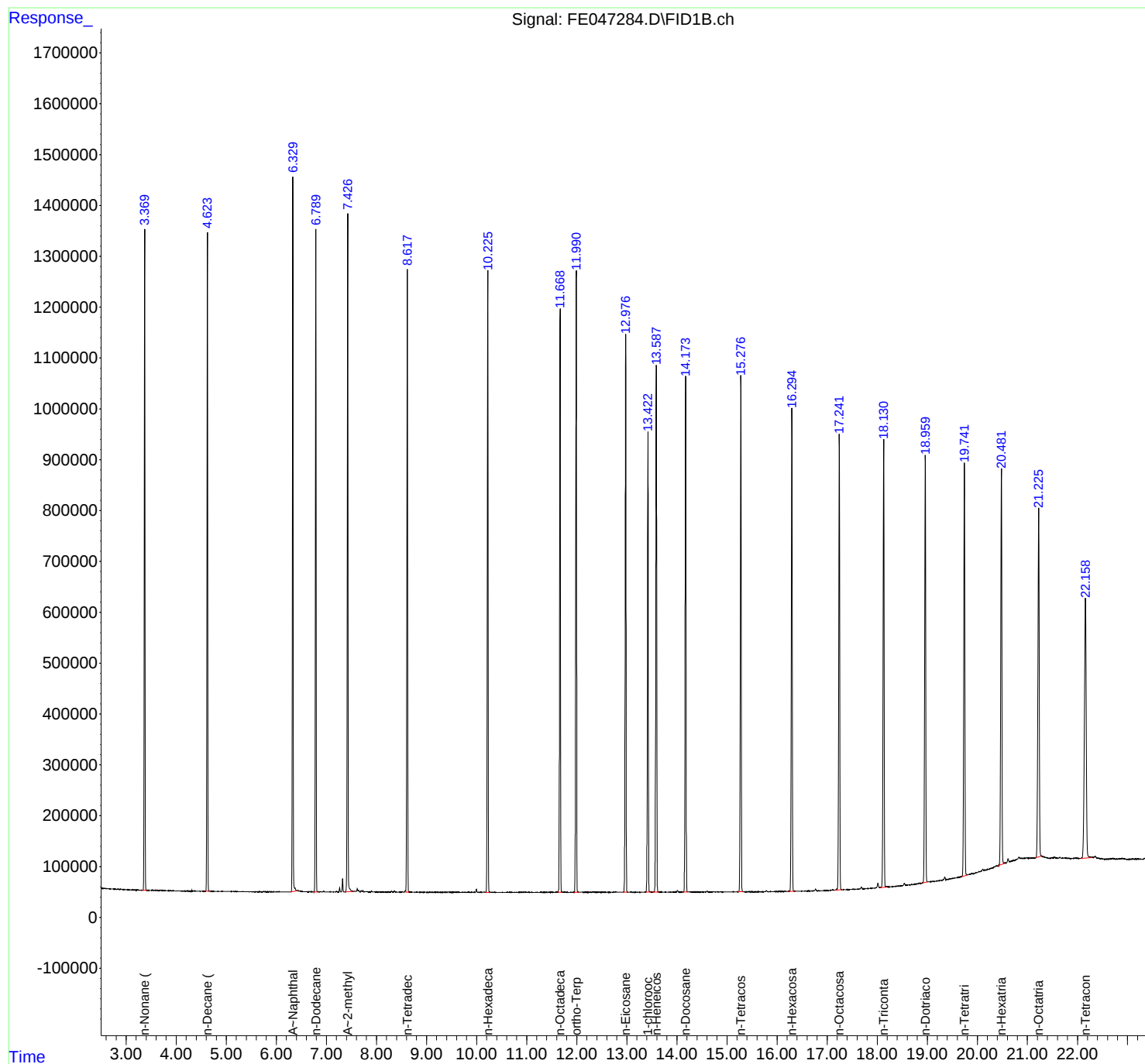
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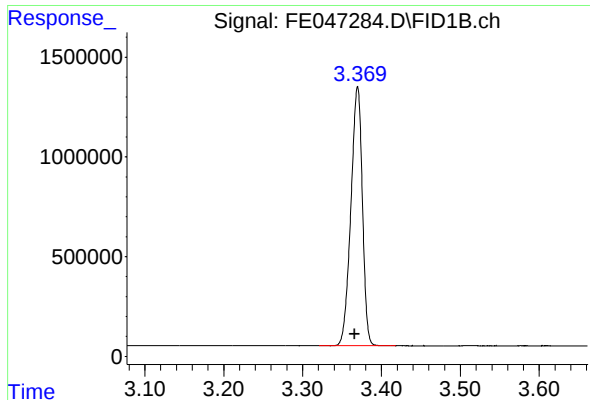
(m)=manual int.

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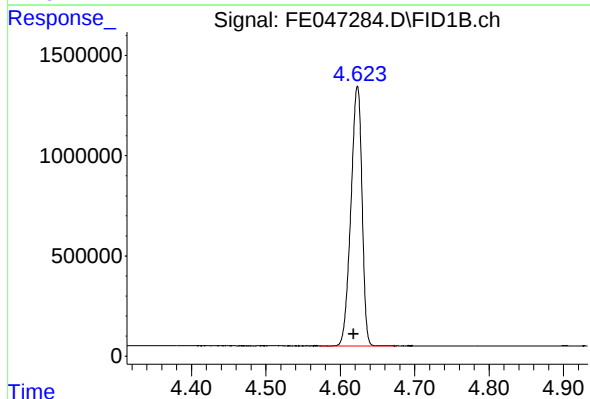
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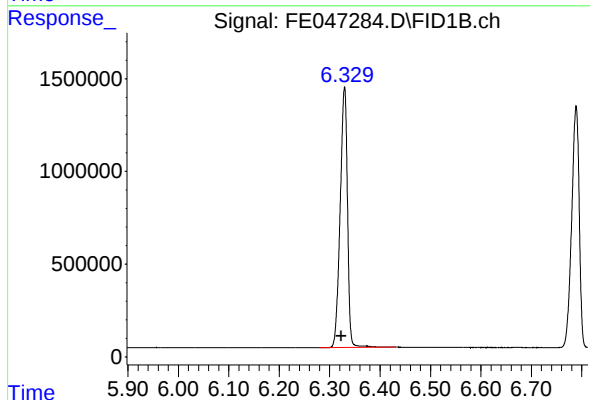
#1 n-Nonane (C9)

R.T.: 3.370 min
Delta R.T.: 0.004 min
Response: 13142134
Conc: 93.85 ug/ml



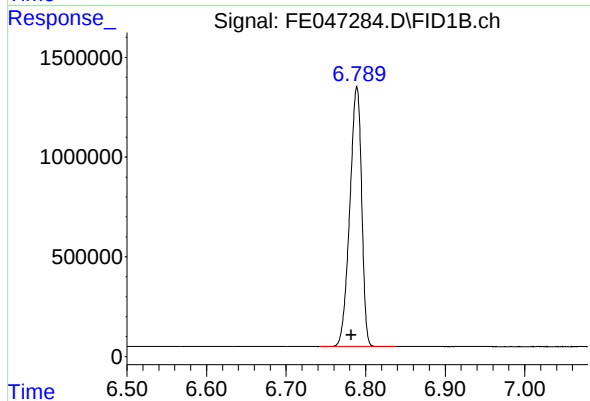
#2 n-Decane (C10)

R.T.: 4.623 min
Delta R.T.: 0.005 min
Response: 13425021
Conc: 93.94 ug/ml



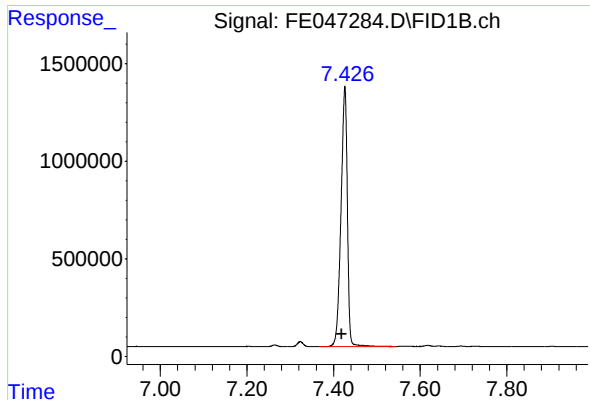
#3 A~Naphthalene (C11.7)

R.T.: 6.330 min
Delta R.T.: 0.006 min
Response: 14113179
Conc: 94.39 ug/ml



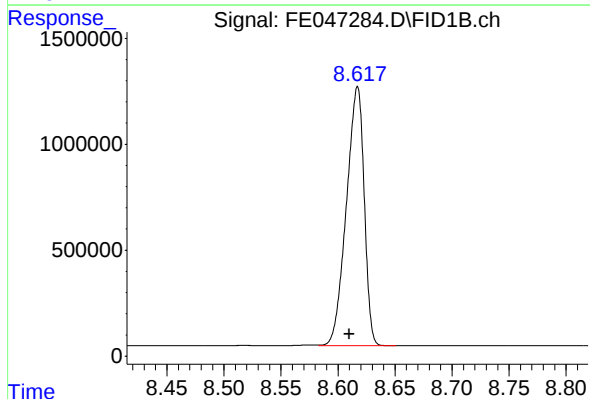
#4 n-Dodecane (C12)

R.T.: 6.789 min
Delta R.T.: 0.007 min
Response: 13476467
Conc: 94.05 ug/ml



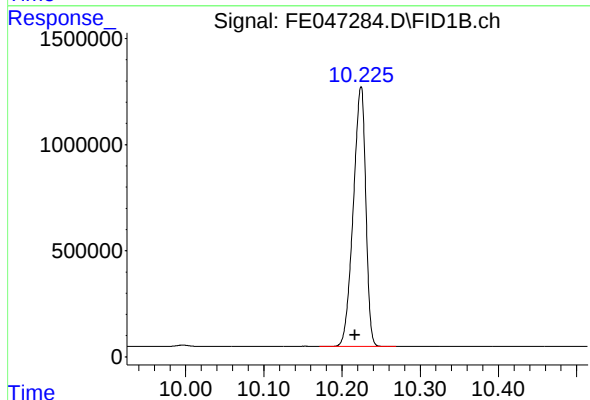
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.426 min
Delta R.T.: 0.008 min
Response: 13604867
Conc: 94.51 ug/ml



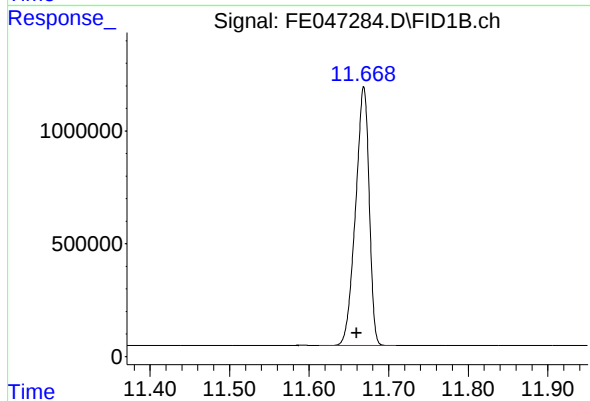
#6 n-Tetradecane (C14)

R.T.: 8.617 min
Delta R.T.: 0.007 min
Response: 13270788
Conc: 94.16 ug/ml



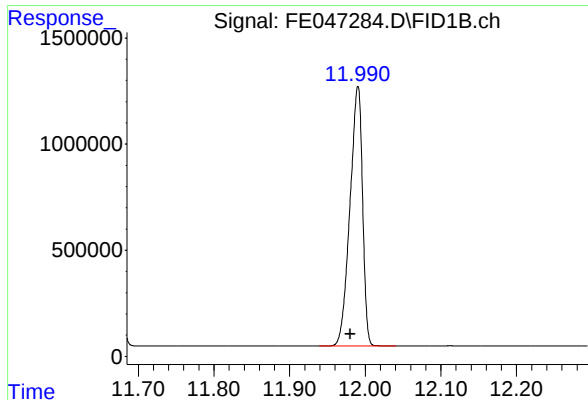
#7 n-Hexadecane (C16)

R.T.: 10.224 min
Delta R.T.: 0.008 min
Response: 13595646
Conc: 94.21 ug/ml



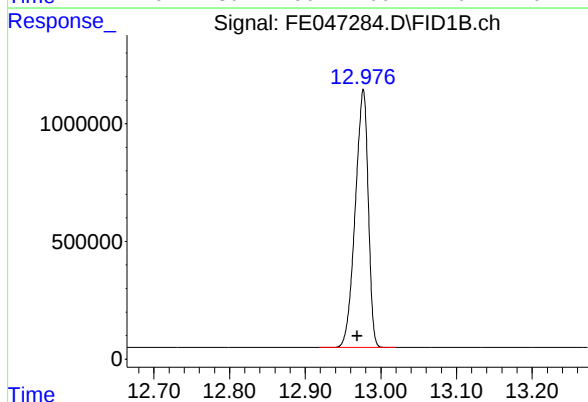
#8 n-Octadecane (C18)

R.T.: 11.669 min
Delta R.T.: 0.009 min
Response: 13651976
Conc: 94.38 ug/ml



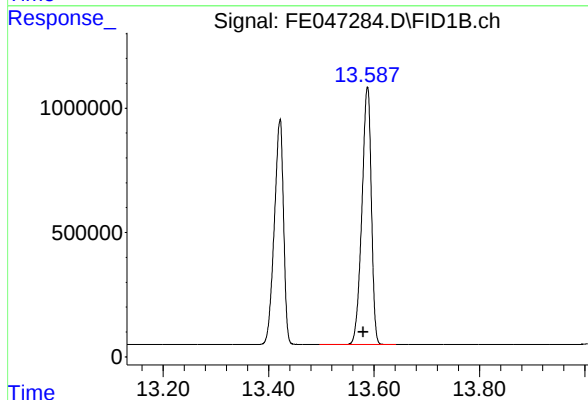
#9 ortho-Terphenyl (SURR)

R.T.: 11.990 min
Delta R.T.: 0.010 min
Response: 14122861
Conc: 94.44 ug/ml



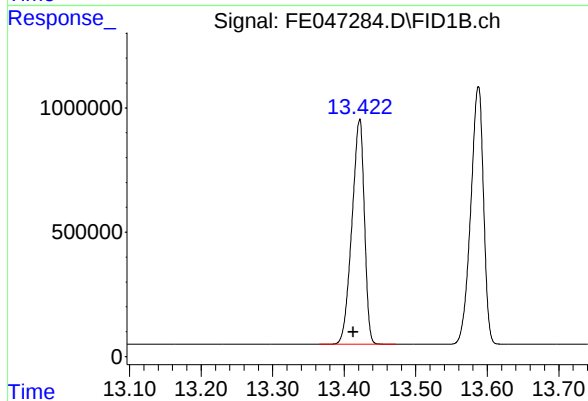
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.008 min
Response: 13083781
Conc: 94.42 ug/ml



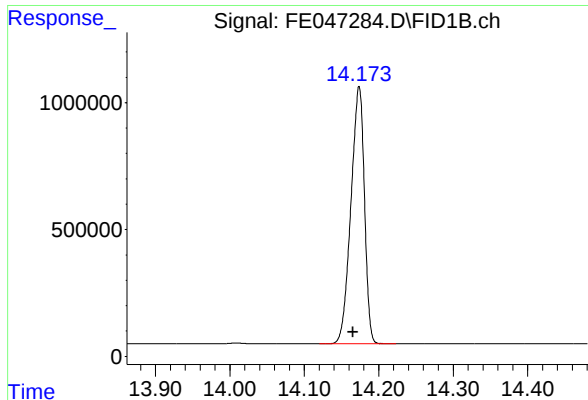
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: 0.008 min
Response: 12870466
Conc: 94.50 ug/ml



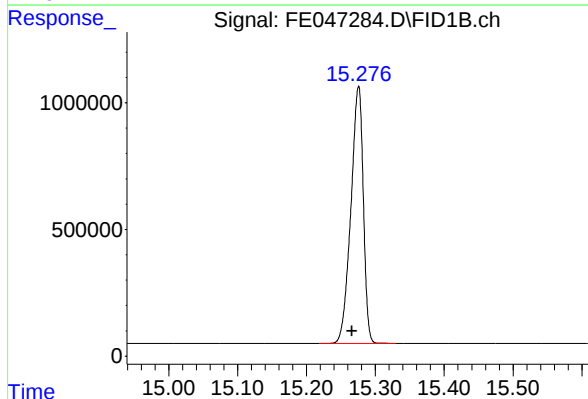
#12 1-chlorooctadecane (SURR)

R.T.: 13.422 min
Delta R.T.: 0.009 min
Response: 10970051
Conc: 94.66 ug/ml



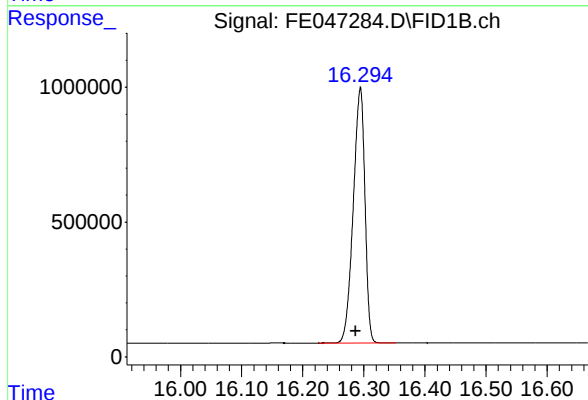
#13 n-Docosane (C22)

R.T.: 14.174 min
Delta R.T.: 0.008 min
Response: 12784006
Conc: 94.45 ug/ml



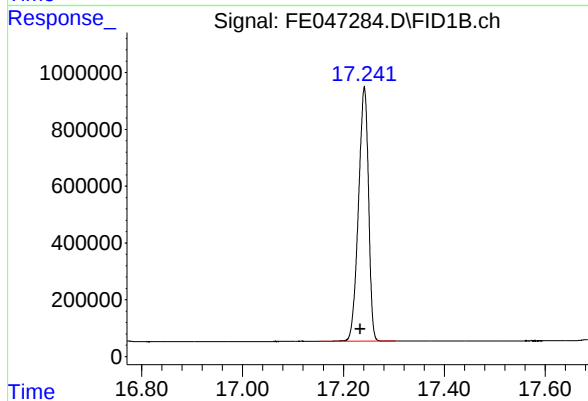
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: 0.010 min
Response: 12721251
Conc: 94.49 ug/ml



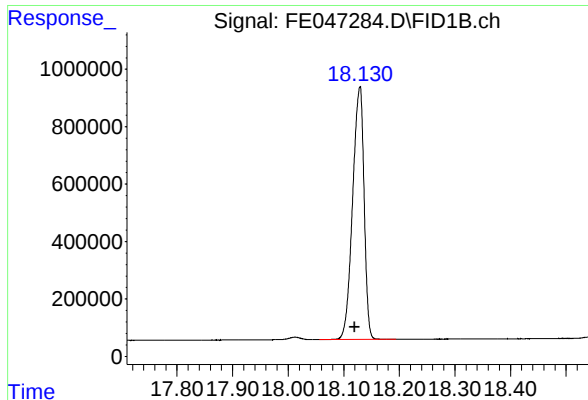
#15 n-Hexacosane (C26)

R.T.: 16.294 min
Delta R.T.: 0.008 min
Response: 12559737
Conc: 94.45 ug/ml



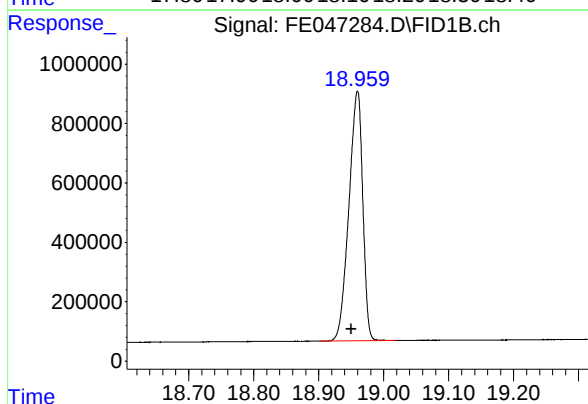
#16 n-Octacosane (C28)

R.T.: 17.242 min
Delta R.T.: 0.008 min
Response: 12384244
Conc: 94.45 ug/ml



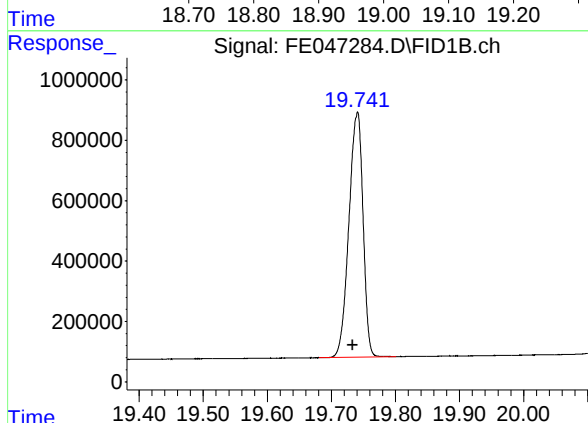
#17 n-Tricontane (C30)

R.T.: 18.129 min
Delta R.T.: 0.009 min
Response: 12600240
Conc: 94.52 ug/ml



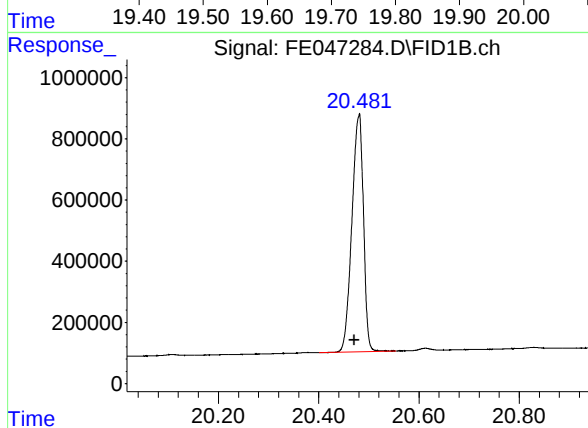
#18 n-Dotriacontane (C32)

R.T.: 18.960 min
Delta R.T.: 0.009 min
Response: 12464253
Conc: 94.53 ug/ml



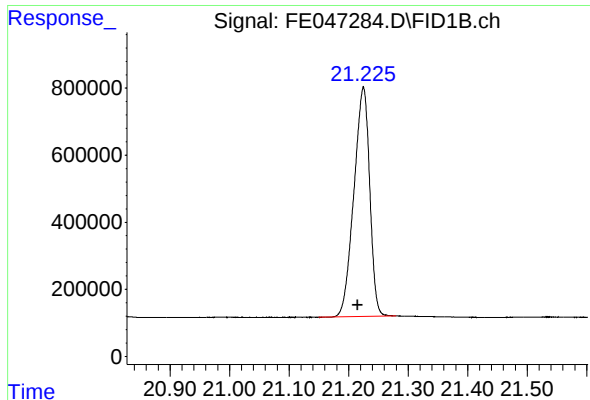
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.008 min
Response: 12421081
Conc: 94.53 ug/ml



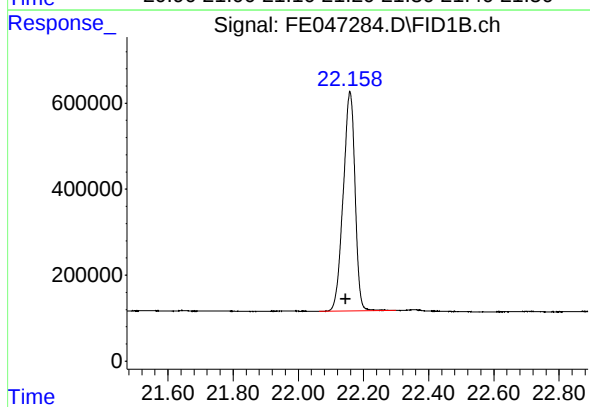
#20 n-Hexatriacontane (C36)

R.T.: 20.481 min
Delta R.T.: 0.010 min
Response: 12398350
Conc: 94.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: 0.010 min
Response: 12621632
Conc: 94.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: 0.013 min
Response: 12845228
Conc: 94.48 ug/ml