

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AL\
 Data File : FF015464.D
 Signal(s) : FID2B.ch
 Acq On : 05 Feb 2025 17:40
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 06 01:04:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 01:02:28 2025
 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)	11.944	13687608	92.748 ug/ml
Spiked Amount 50.000		Recovery =	185.50%
12) S 1-chlorooctadecane (S...	13.380	10418230	93.481 ug/ml
Spiked Amount 50.000		Recovery =	186.96%
Target Compounds			
1) T n-Nonane (C9)	3.320	12538274	93.050 ug/ml
2) T n-Decane (C10)	4.575	12868416	93.386 ug/ml
3) T A~Naphthalene (C11.7)	6.280	13927572	94.736 ug/ml
4) T n-Dodecane (C12)	6.741	13081909	93.484 ug/ml
5) T A~2-methylnaphthalene...	7.377	13402687	95.808 ug/ml
6) T n-Tetradecane (C14)	8.569	12984608	93.404 ug/ml
7) T n-Hexadecane (C16)	10.177	13299946	93.193 ug/ml
8) T n-Octadecane (C18)	11.623	13210498	92.814 ug/ml
10) T n-Eicosane (C20)	12.934	12415385	92.569 ug/ml
11) T n-Heneicosane (C21)	13.547	12044091	92.547 ug/ml
13) T n-Docosane (C22)	14.134	11803294	92.639 ug/ml
14) T n-Tetracosane (C24)	15.239	11402584	91.785 ug/ml
15) T n-Hexacosane (C26)	16.262	10984668	91.906 ug/ml
16) T n-Octacosane (C28)	17.214	10613596	90.840 ug/ml
17) T n-Tricontane (C30)	18.103	10631247	89.895 ug/ml
18) T n-Dotriacontane (C32)	18.937	10227081	89.049 ug/ml
19) T n-Tetratriacontane (C34)	19.722	9152752	90.334 ug/ml
20) T n-Hexatriacontane (C36)	20.464	8229259	90.761 ug/ml
21) T n-Octatriacontane (C38)	21.207	8140271	91.326 ug/ml
22) T n-Tetracontane (C40)	22.129	8317953	91.685 ug/ml

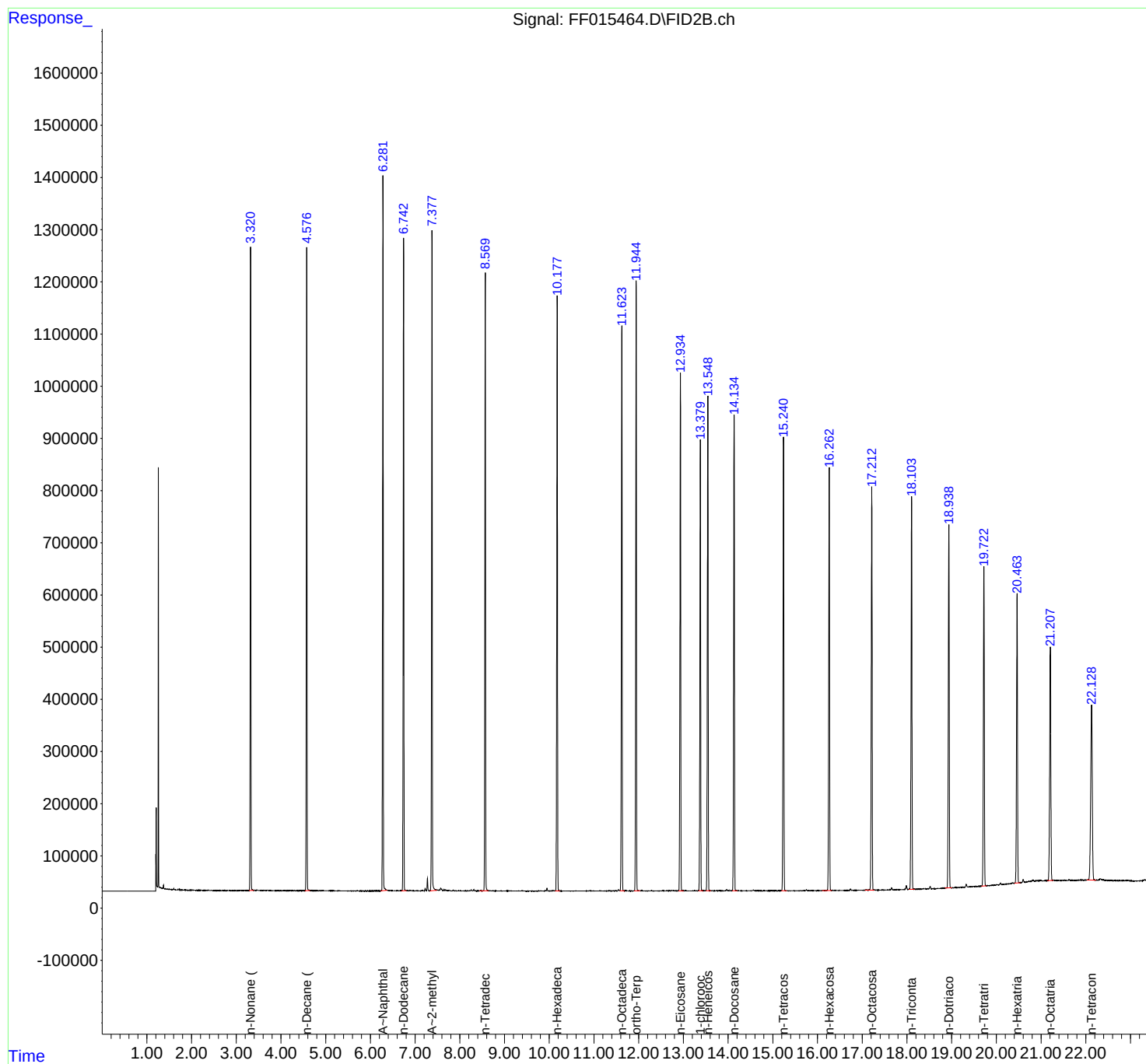
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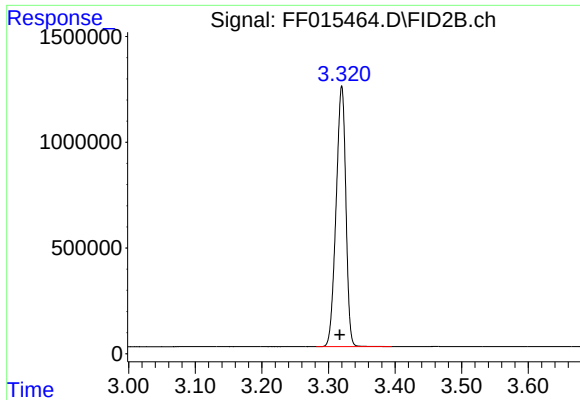
(m)=manual int.

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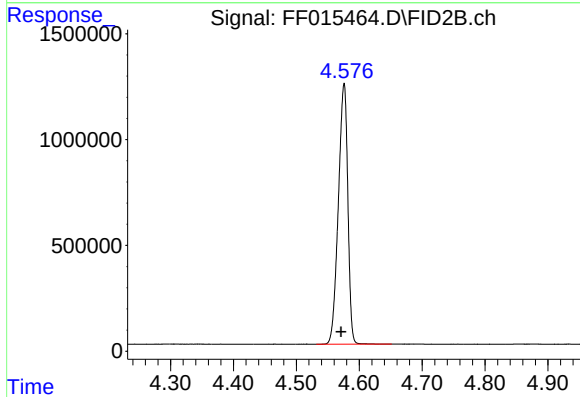
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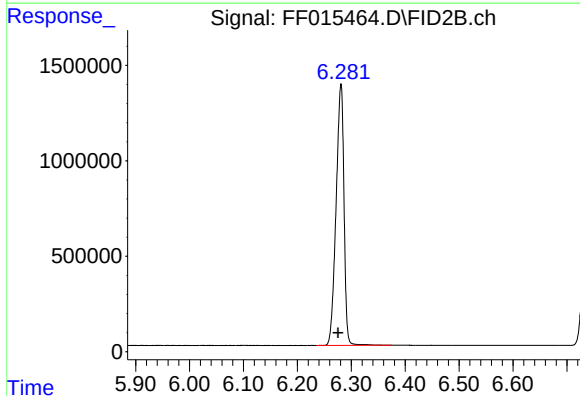
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: 0.003 min
Response: 12538274
Conc: 93.05 ug/ml



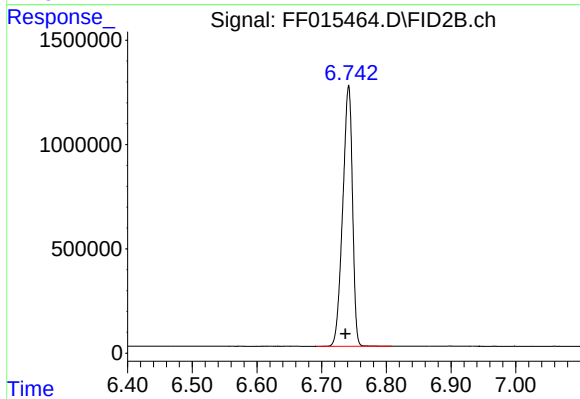
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: 0.004 min
Response: 12868416
Conc: 93.39 ug/ml



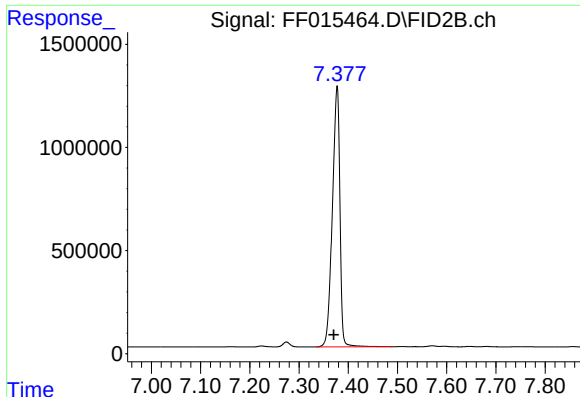
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: 0.005 min
Response: 13927572
Conc: 94.74 ug/ml



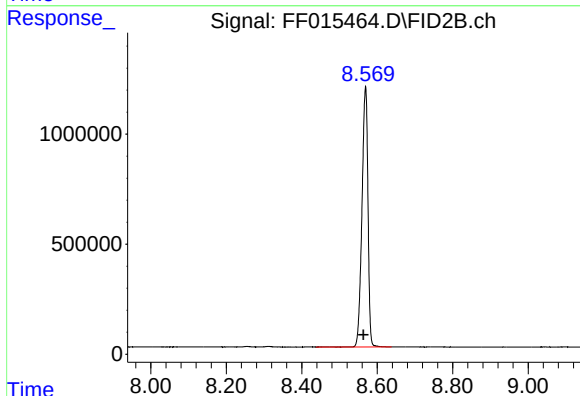
#4 n-Dodecane (C12)

R.T.: 6.741 min
Delta R.T.: 0.004 min
Response: 13081909
Conc: 93.48 ug/ml



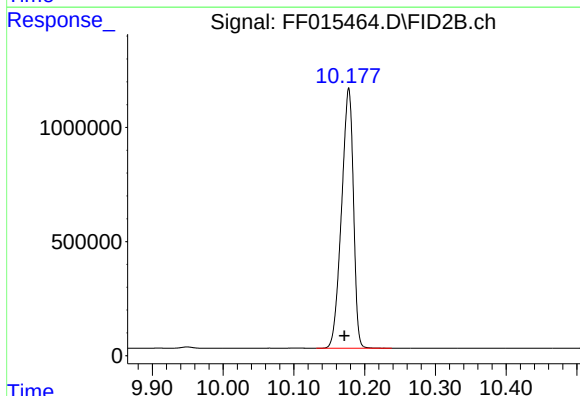
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.377 min
Delta R.T.: 0.006 min
Response: 13402687
Conc: 95.81 ug/ml



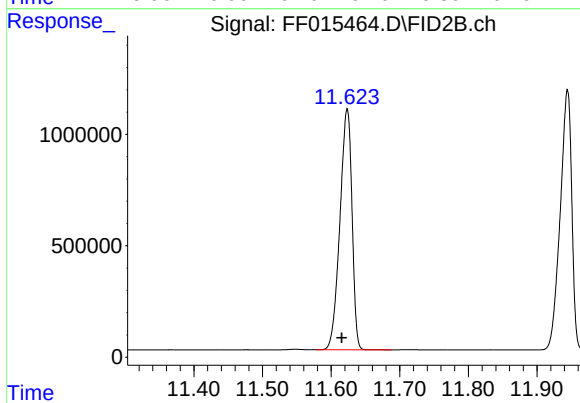
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: 0.005 min
Response: 12984608
Conc: 93.40 ug/ml



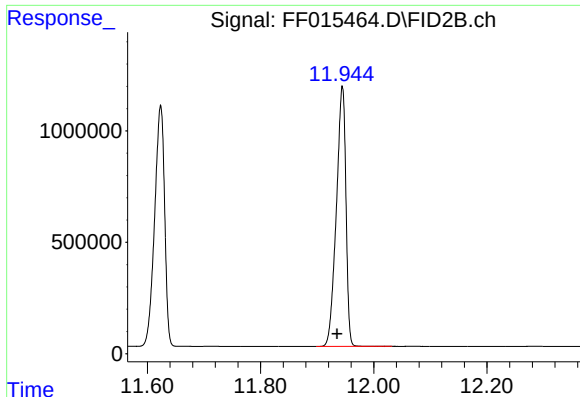
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: 0.006 min
Response: 13299946
Conc: 93.19 ug/ml



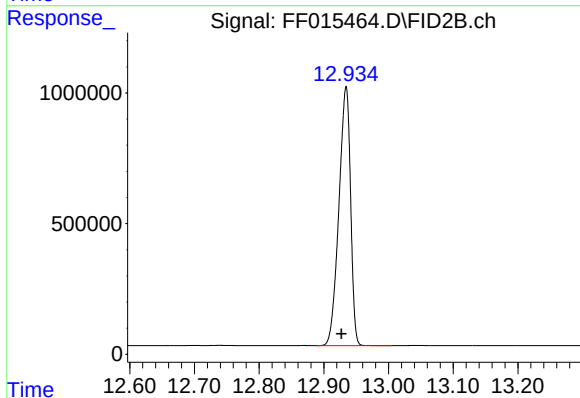
#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: 0.008 min
Response: 13210498
Conc: 92.81 ug/ml



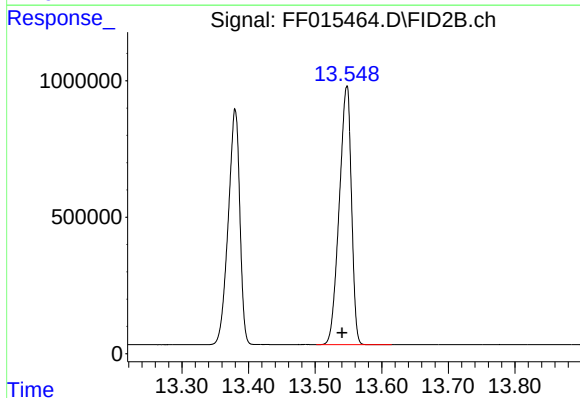
#9 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: 0.009 min
Response: 13687608
Conc: 92.75 ug/ml



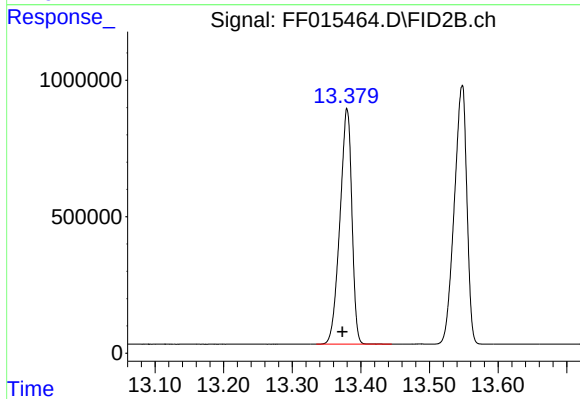
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: 0.007 min
Response: 12415385
Conc: 92.57 ug/ml



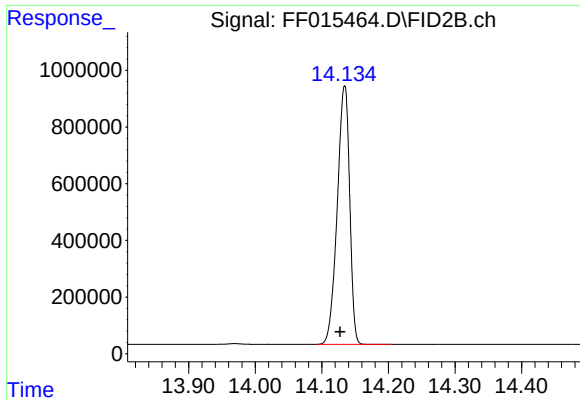
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: 0.007 min
Response: 12044091
Conc: 92.55 ug/ml



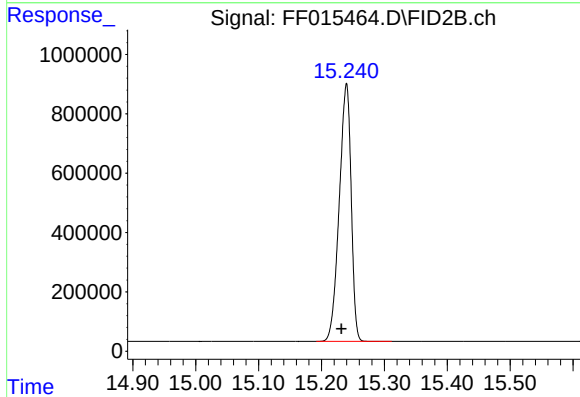
#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: 0.006 min
Response: 10418230
Conc: 93.48 ug/ml



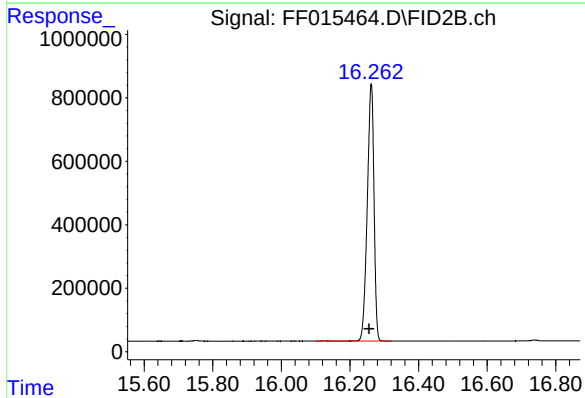
#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: 0.007 min
Response: 11803294
Conc: 92.64 ug/ml



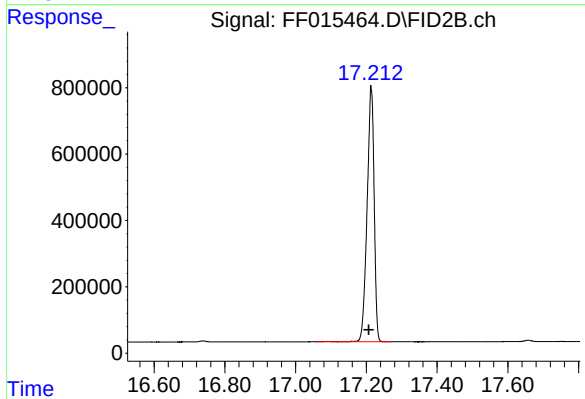
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: 0.008 min
Response: 11402584
Conc: 91.78 ug/ml



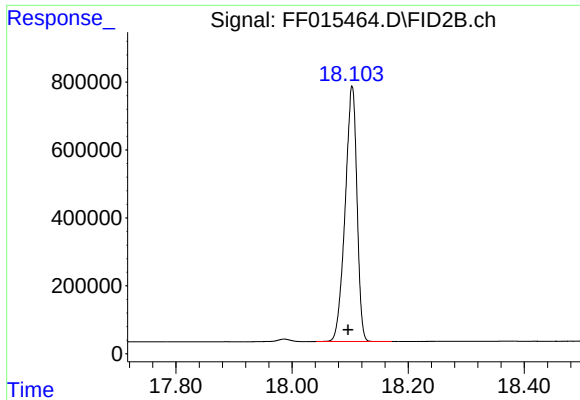
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.006 min
Response: 10984668
Conc: 91.91 ug/ml



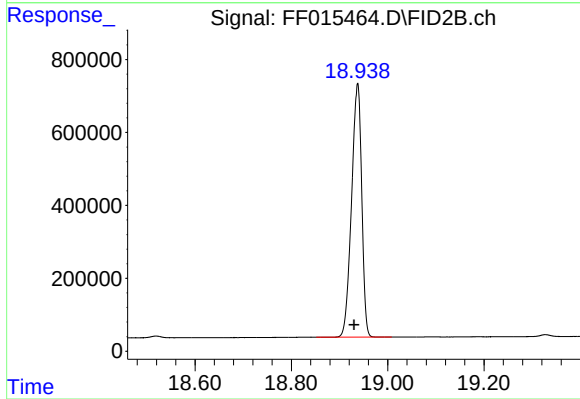
#16 n-Octacosane (C28)

R.T.: 17.214 min
Delta R.T.: 0.007 min
Response: 10613596
Conc: 90.84 ug/ml



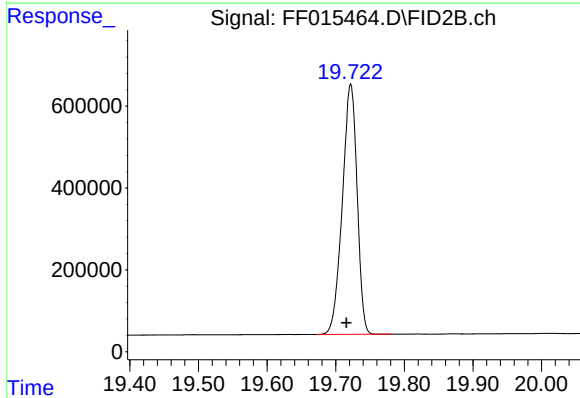
#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: 0.007 min
Response: 10631247
Conc: 89.90 ug/ml



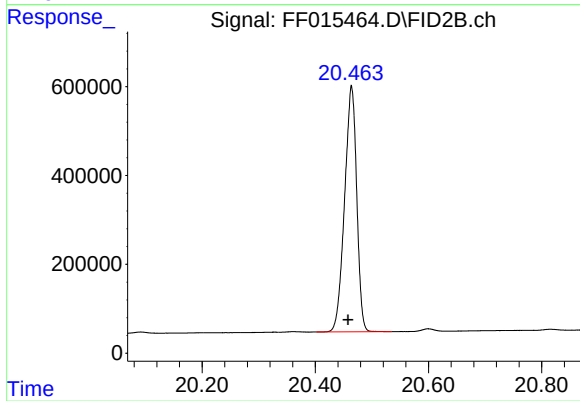
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: 0.007 min
Response: 10227081
Conc: 89.05 ug/ml



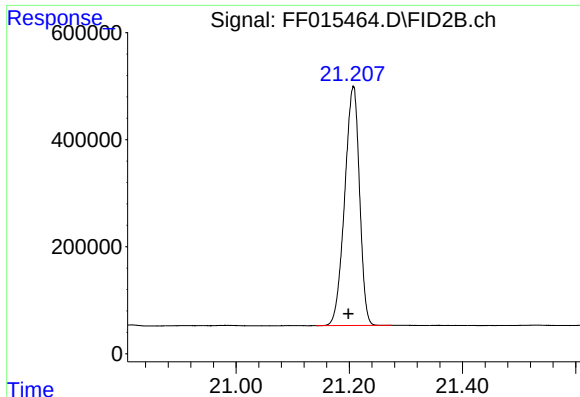
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.006 min
Response: 9152752
Conc: 90.33 ug/ml



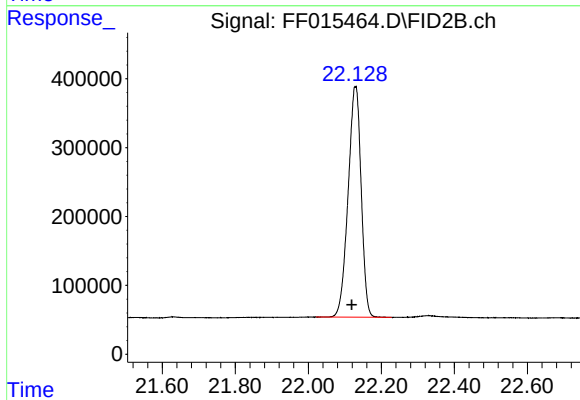
#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: 0.006 min
Response: 8229259
Conc: 90.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: 0.008 min
Response: 8140271
Conc: 91.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: 0.010 min
Response: 8317953
Conc: 91.68 ug/ml