

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022723AL\
 Data File : FG011493.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2023 23:12
 Operator : YP\AJ
 Sample : 01627-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 04:16:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 022723.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:30:17 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			
12) S 1-chlorooctadecane (S...	12.411	5964981	53.436 ug/ml
Spiked Amount 50.000		Recovery =	106.87%
Target Compounds			
1) T n-Nonane (C9)	2.791	330776	2.927 ug/ml
2) T n-Decane (C10)	3.806	412105	3.669 ug/ml
4) T n-Dodecane (C12)	5.801	531561	4.587 ug/ml
6) T n-Tetradecane (C14)	7.598	512209	4.264 ug/ml
7) T n-Hexadecane (C16)	9.202	572938	4.503 ug/ml
8) T n-Octadecane (C18)	10.648	654028	4.984 ug/ml
10) T n-Eicosane (C20)	11.960	682180	5.273 ug/ml
11) T n-Heneicosane (C21)	12.574	639259	4.948 ug/ml
13) T n-Docosane (C22)	13.161	696190	5.364 ug/ml
14) T n-Tetracosane (C24)	14.267	750130	5.729 ug/ml
15) T n-Hexacosane (C26)	15.292	709344	5.526 ug/ml
16) T n-Octacosane (C28)	16.244	705435	5.589 ug/ml
17) T n-Tricontane (C30)	17.134	730969	5.871 ug/ml
18) T n-Dotriacontane (C32)	17.969	730746	5.996 ug/ml
19) T n-Tetratriacontane (C34)	18.755	665949	5.545 ug/mlm
20) T n-Hexatriacontane (C36)	19.497	579291	5.406 ug/ml
21) T n-Octatriacontane (C38)	20.248	553866	5.258 ug/mlm
22) T n-Tetracontane (C40)	21.190	542182	5.069 ug/ml

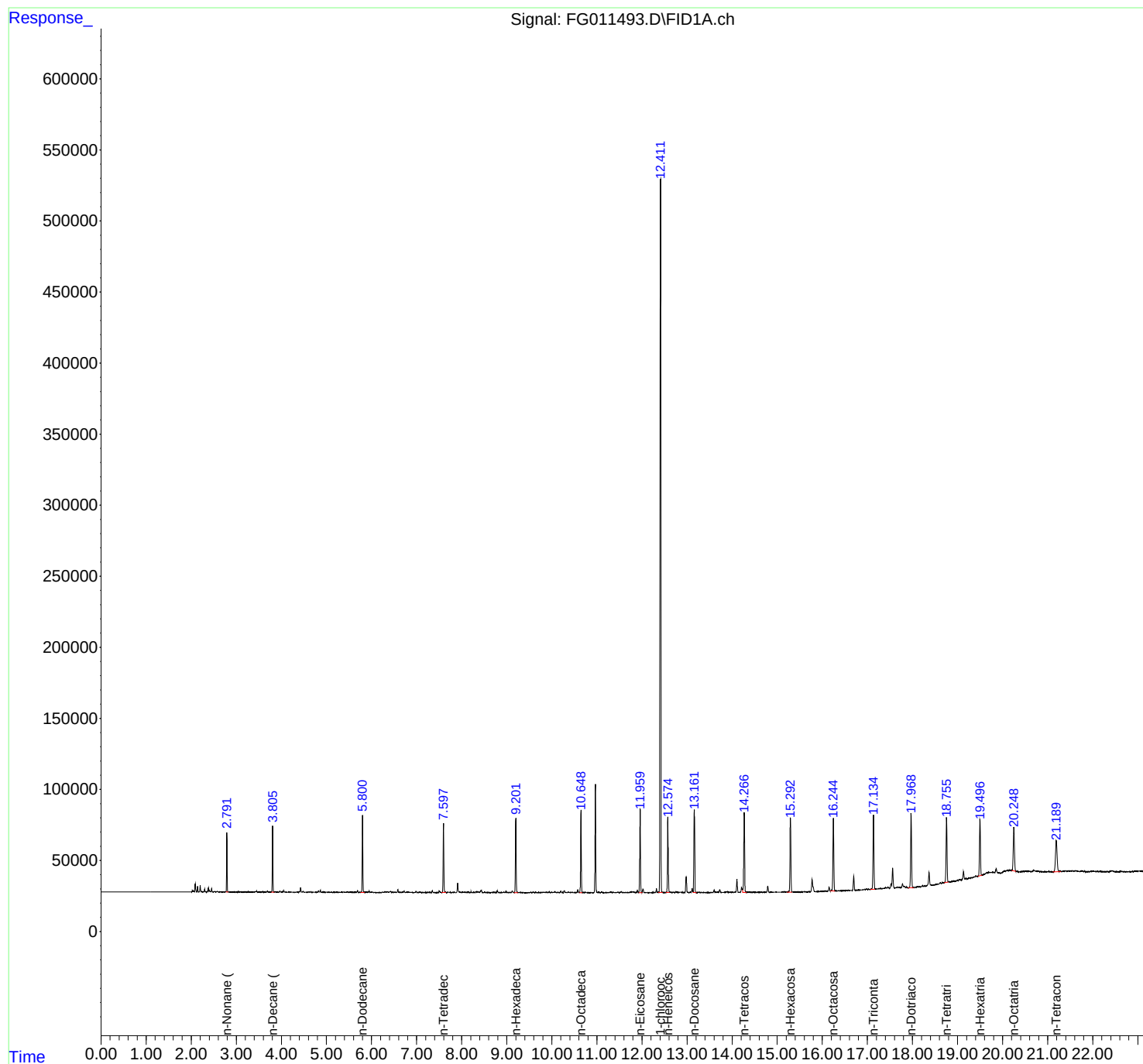
(f)=RT Delta > 1/2 Window

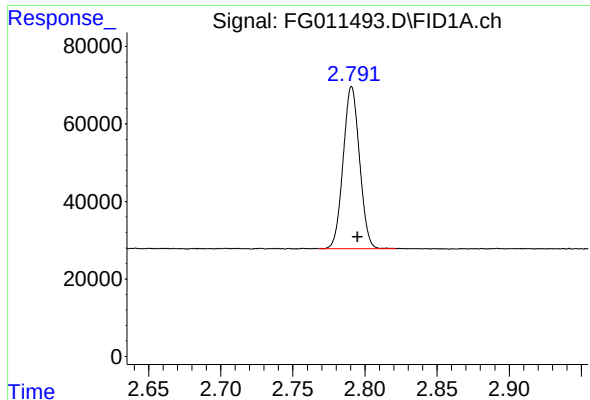
(m)=manual int.

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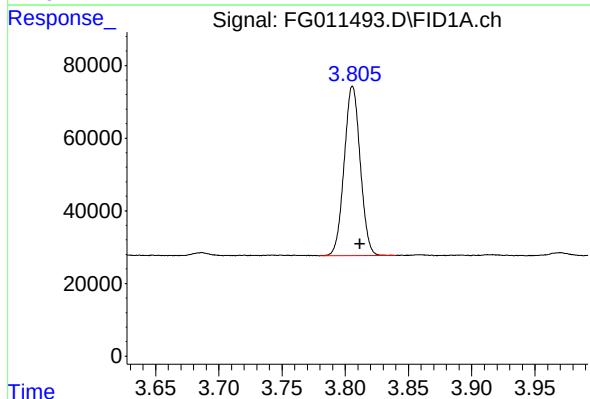
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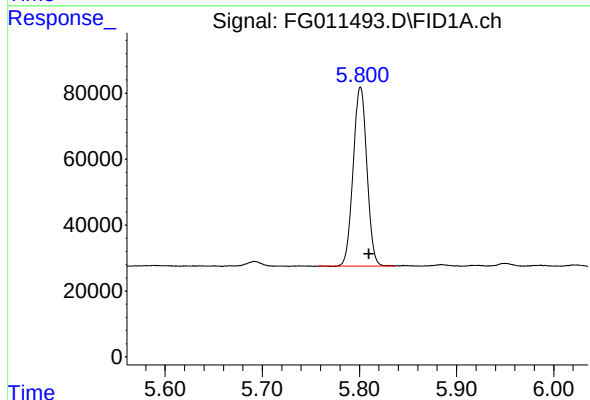
#1 n-Nonane (C9)

R.T.: 2.791 min
Delta R.T.: -0.004 min
Response: 330776
Conc: 2.93 ug/ml



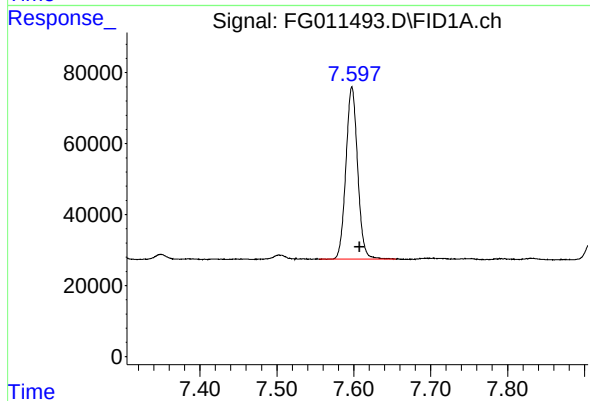
#2 n-Decane (C10)

R.T.: 3.806 min
Delta R.T.: -0.006 min
Response: 412105
Conc: 3.67 ug/ml



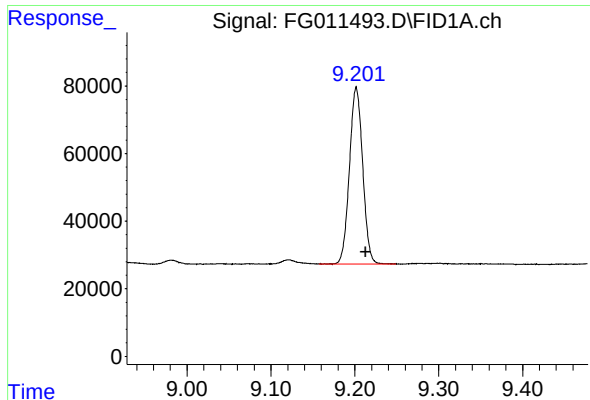
#4 n-Dodecane (C12)

R.T.: 5.801 min
Delta R.T.: -0.009 min
Response: 531561
Conc: 4.59 ug/ml



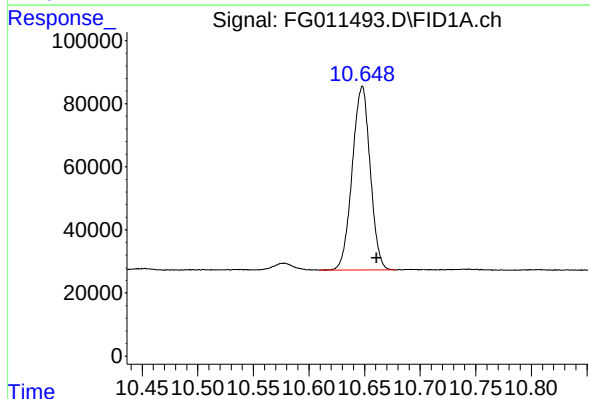
#6 n-Tetradecane (C14)

R.T.: 7.598 min
Delta R.T.: -0.010 min
Response: 512209
Conc: 4.26 ug/ml



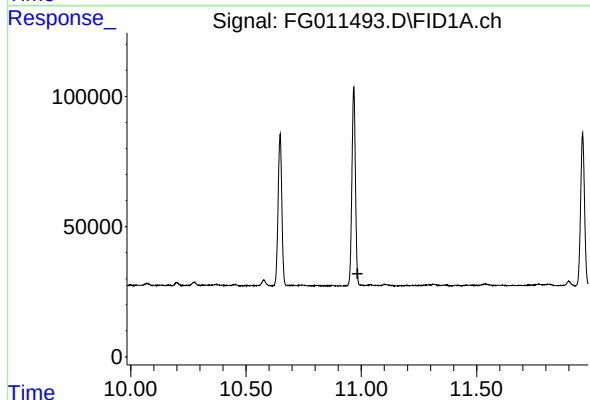
#7 n-Hexadecane (C16)

R.T.: 9.202 min
Delta R.T.: -0.012 min
Response: 572938
Conc: 4.50 ug/ml



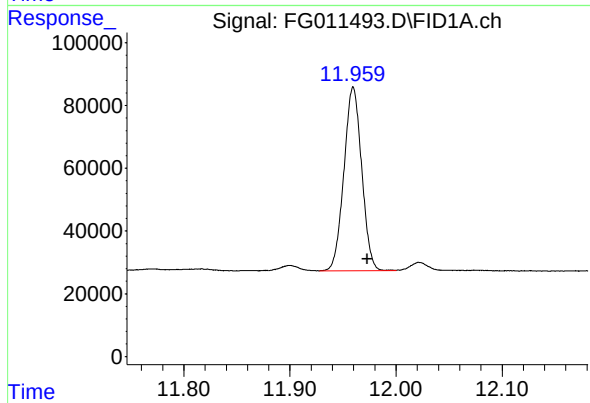
#8 n-Octadecane (C18)

R.T.: 10.648 min
Delta R.T.: -0.013 min
Response: 654028
Conc: 4.98 ug/ml



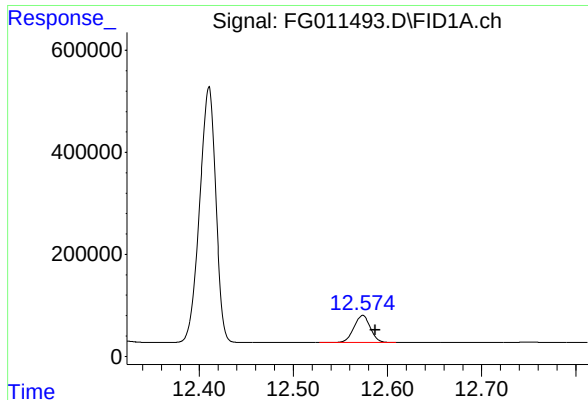
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 10.984 min
Response: 0
Conc: N.D.



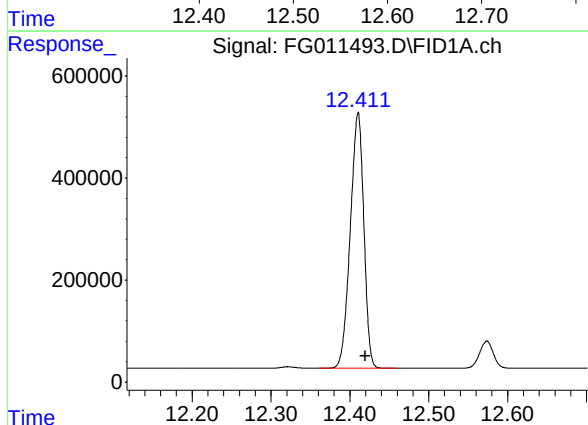
#10 n-Eicosane (C20)

R.T.: 11.960 min
Delta R.T.: -0.013 min
Response: 682180
Conc: 5.27 ug/ml



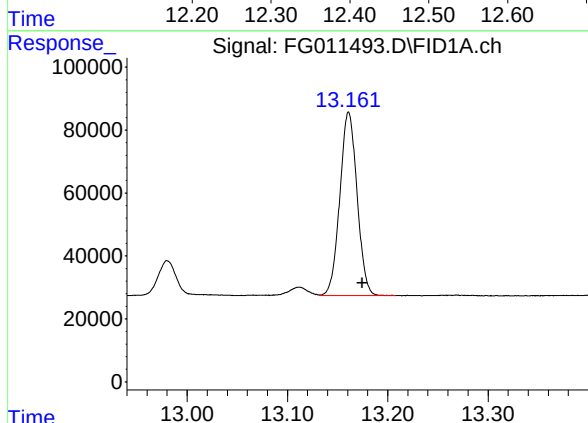
#11 n-Heneicosane (C21)

R.T.: 12.574 min
Delta R.T.: -0.013 min
Response: 639259
Conc: 4.95 ug/ml



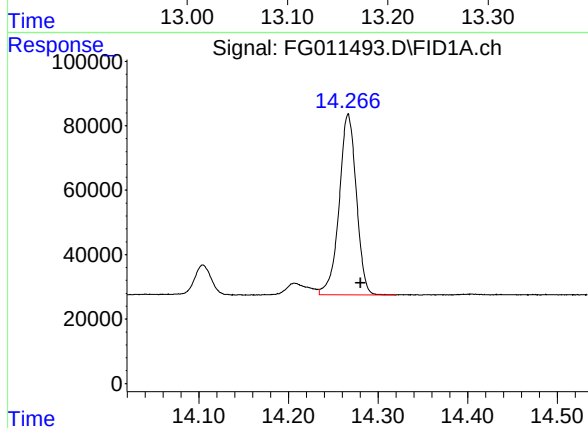
#12 1-chlorooctadecane (SURR)

R.T.: 12.411 min
Delta R.T.: -0.009 min
Response: 5964981
Conc: 53.44 ug/ml



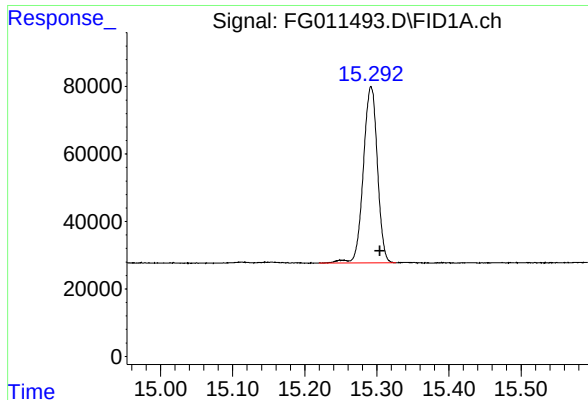
#13 n-Docosane (C22)

R.T.: 13.161 min
Delta R.T.: -0.014 min
Response: 696190
Conc: 5.36 ug/ml



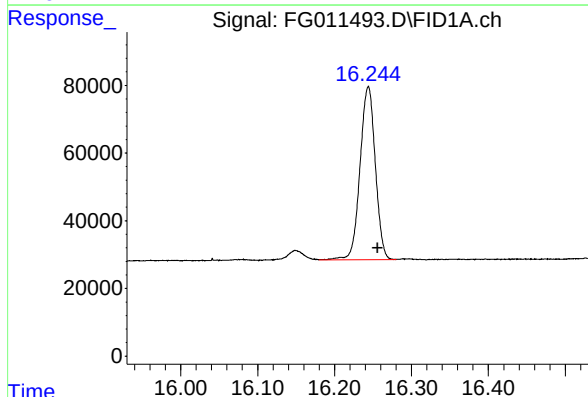
#14 n-Tetracosane (C24)

R.T.: 14.267 min
Delta R.T.: -0.014 min
Response: 750130
Conc: 5.73 ug/ml



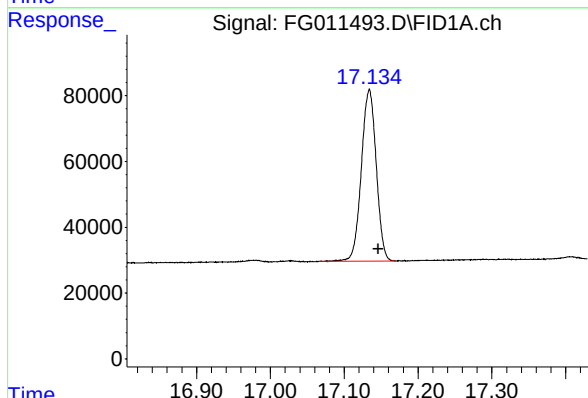
#15 n-Hexacosane (C26)

R.T.: 15.292 min
Delta R.T.: -0.012 min
Response: 709344
Conc: 5.53 ug/ml



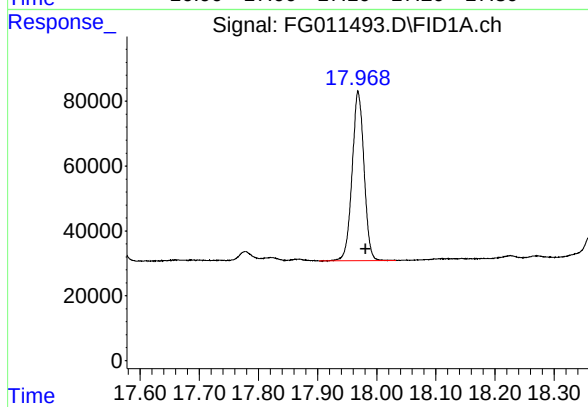
#16 n-Octacosane (C28)

R.T.: 16.244 min
Delta R.T.: -0.012 min
Response: 705435
Conc: 5.59 ug/ml



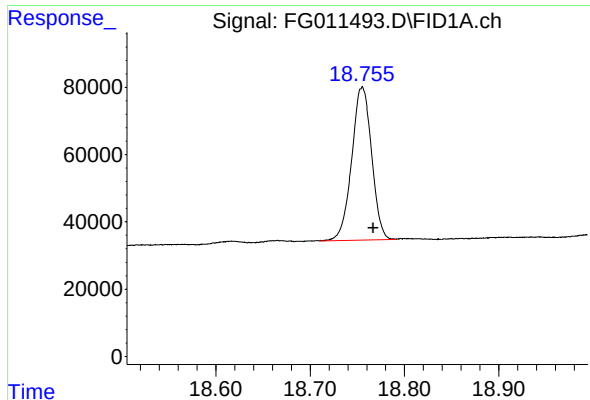
#17 n-Tricontane (C30)

R.T.: 17.134 min
Delta R.T.: -0.012 min
Response: 730969
Conc: 5.87 ug/ml



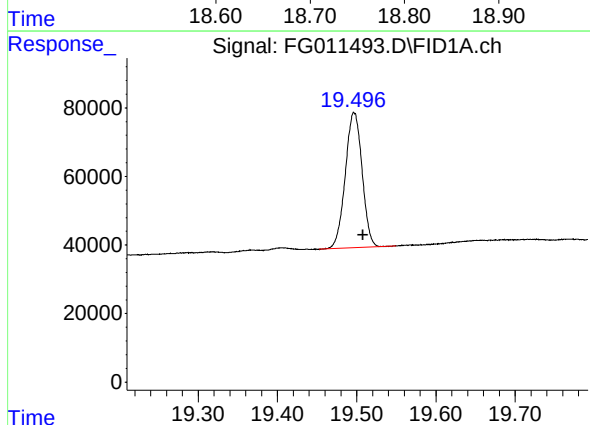
#18 n-Dotriacontane (C32)

R.T.: 17.969 min
Delta R.T.: -0.013 min
Response: 730746
Conc: 6.00 ug/ml



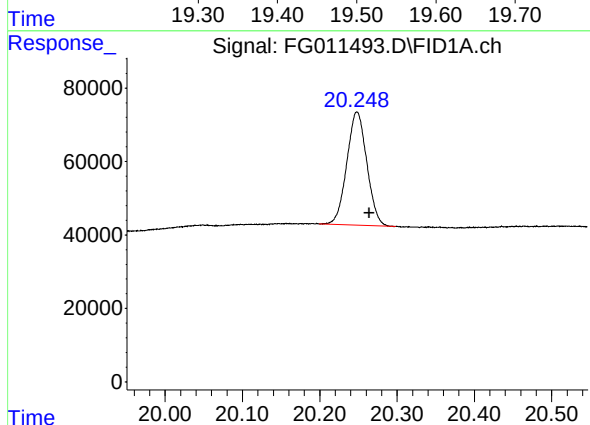
#19 n-Tetratriacontane (C34)

R.T.: 18.755 min
Delta R.T.: -0.012 min
Response: 665949
Conc: 5.55 ug/ml m



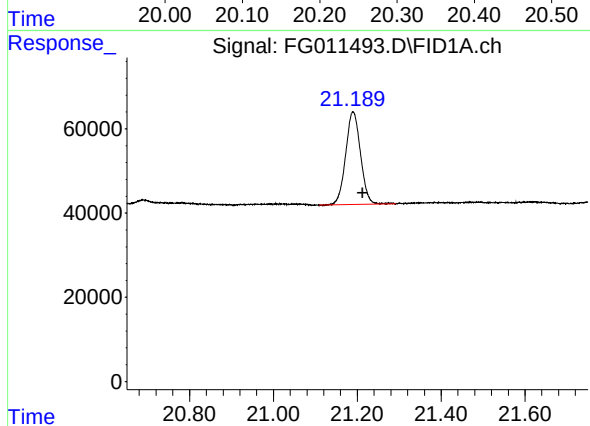
#20 n-Hexatriacontane (C36)

R.T.: 19.497 min
Delta R.T.: -0.011 min
Response: 579291
Conc: 5.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.248 min
Delta R.T.: -0.017 min
Response: 553866
Conc: 5.26 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.190 min
Delta R.T.: -0.023 min
Response: 542182
Conc: 5.07 ug/ml