

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022723AL\
 Data File : FG011489.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2023 21:15
 Operator : YP\AJ
 Sample : 01627-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 04:15:26 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			
9) S ortho-Terphenyl (SURR)	10.968	693731	4.903 ug/ml
Spiked Amount 50.000		Recovery =	9.81%
12) S 1-chlorooctadecane (S...	12.411	4990521	44.707 ug/ml
Spiked Amount 50.000		Recovery =	89.41%
Target Compounds			
1) T n-Nonane (C9)	2.791	246733	2.184 ug/ml
2) T n-Decane (C10)	3.806	306753	2.731 ug/ml
4) T n-Dodecane (C12)	5.802	389792	3.364 ug/ml
6) T n-Tetradecane (C14)	7.598	372368	3.100 ug/ml
7) T n-Hexadecane (C16)	9.202	414043	3.254 ug/ml
8) T n-Octadecane (C18)	10.647	464640	3.541 ug/ml
10) T n-Eicosane (C20)	11.960	471225	3.643 ug/ml
11) T n-Heneicosane (C21)	12.574	451041	3.491 ug/ml
13) T n-Docosane (C22)	13.162	472310	3.639 ug/ml
14) T n-Tetracosane (C24)	14.268	496225	3.790 ug/ml
15) T n-Hexacosane (C26)	15.292	450716	3.511 ug/ml
16) T n-Octacosane (C28)	16.243	427986	3.391 ug/ml
17) T n-Tricontane (C30)	17.134	426236	3.424 ug/ml
18) T n-Dotriacontane (C32)	17.968	425665	3.493 ug/ml
19) T n-Tetratriacontane (C34)	18.754	411781	3.429 ug/ml
20) T n-Hexatriacontane (C36)	19.496	379970	3.546 ug/ml
21) T n-Octatriacontane (C38)	20.249	380874	3.616 ug/ml
22) T n-Tetracontane (C40)	21.189	373396	3.491 ug/ml

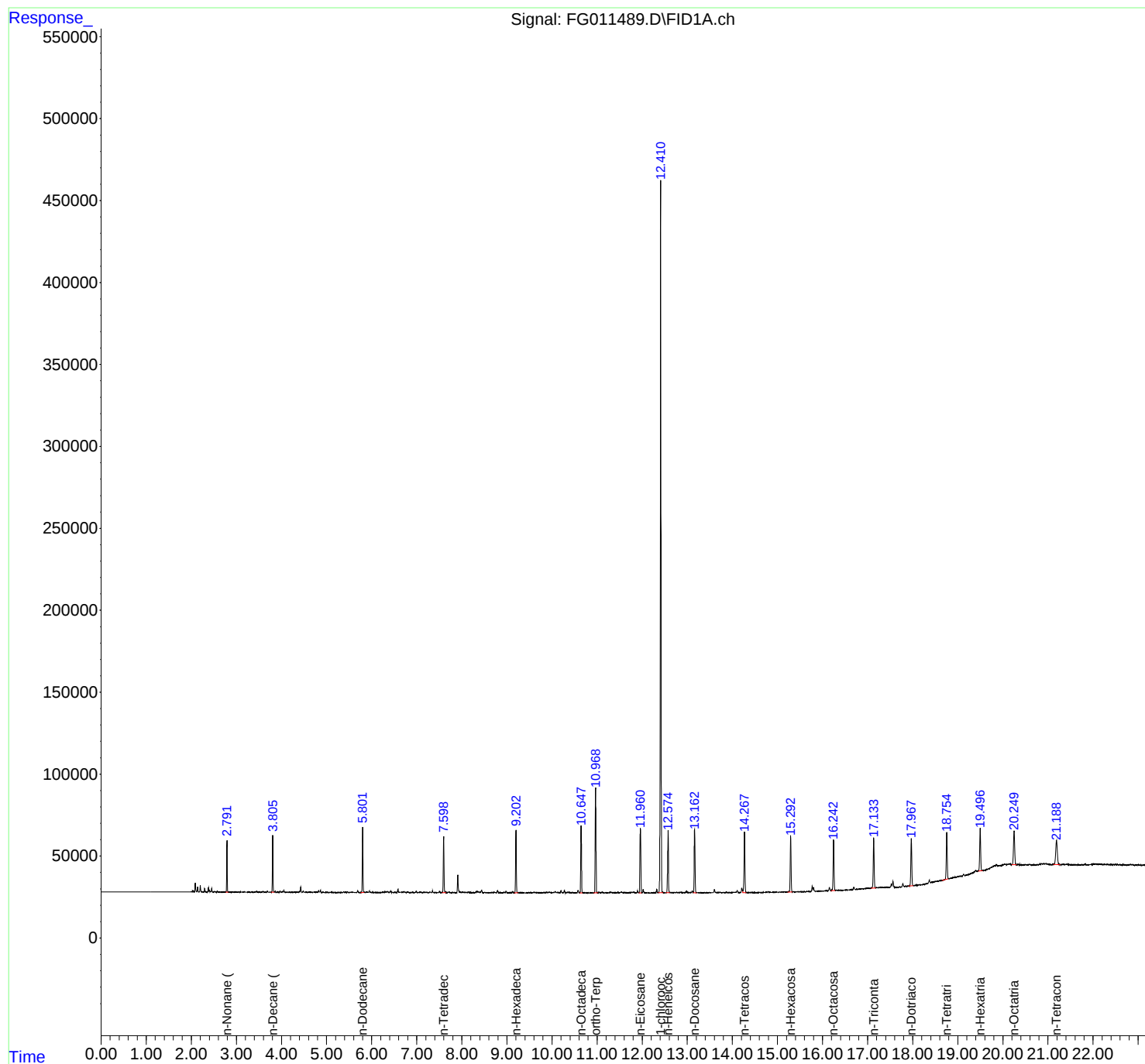
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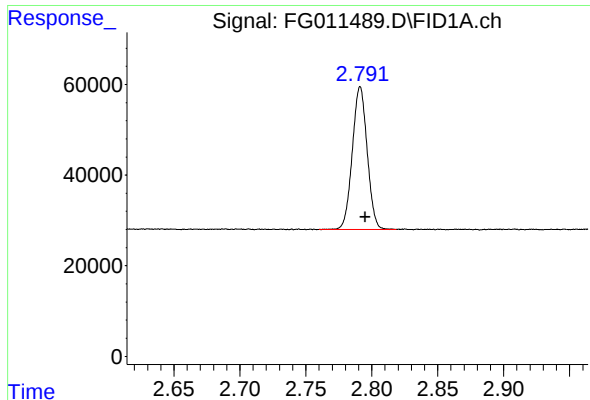
(m)=manual int.

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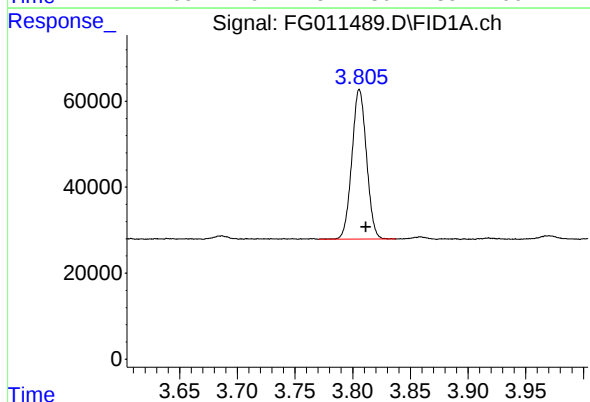
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Signal Info : 20M x 0.18mm x 0.18um





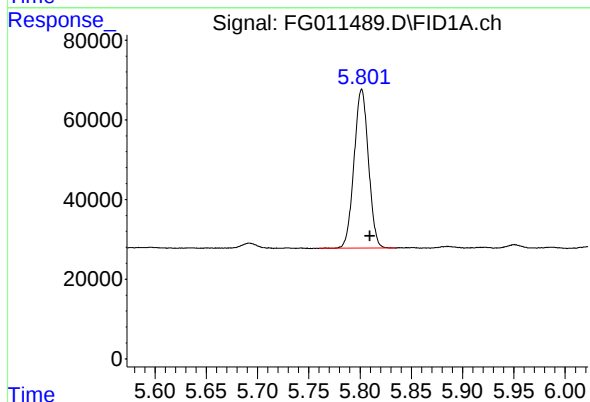
#1 n-Nonane (C9)

R.T.: 2.791 min
Delta R.T.: -0.004 min
Response: 246733
Conc: 2.18 ug/ml



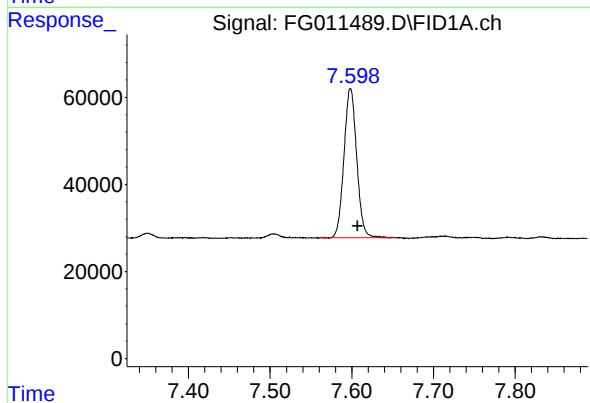
#2 n-Decane (C10)

R.T.: 3.806 min
Delta R.T.: -0.006 min
Response: 306753
Conc: 2.73 ug/ml



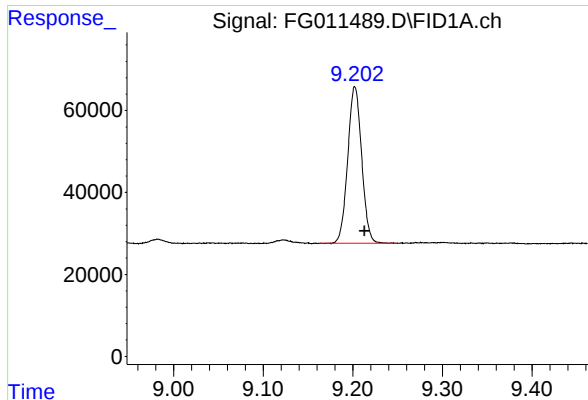
#4 n-Dodecane (C12)

R.T.: 5.802 min
Delta R.T.: -0.008 min
Response: 389792
Conc: 3.36 ug/ml



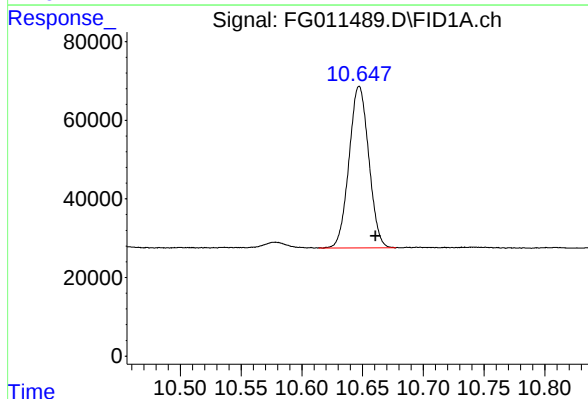
#6 n-Tetradecane (C14)

R.T.: 7.598 min
Delta R.T.: -0.009 min
Response: 372368
Conc: 3.10 ug/ml



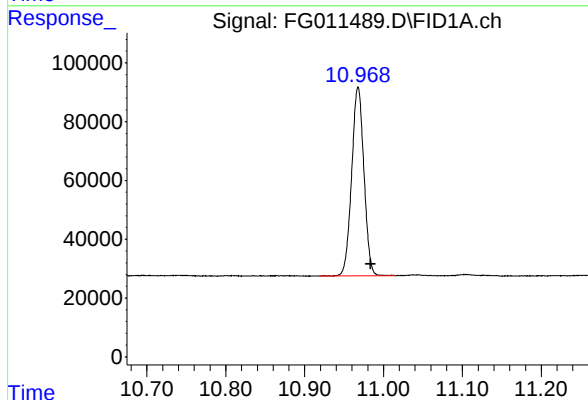
#7 n-Hexadecane (C16)

R.T.: 9.202 min
Delta R.T.: -0.011 min
Response: 414043
Conc: 3.25 ug/ml



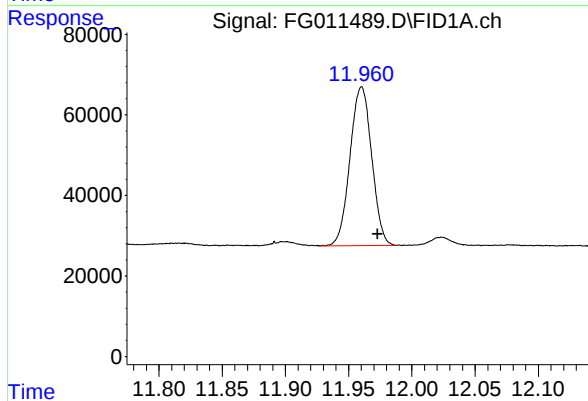
#8 n-Octadecane (C18)

R.T.: 10.647 min
Delta R.T.: -0.014 min
Response: 464640
Conc: 3.54 ug/ml



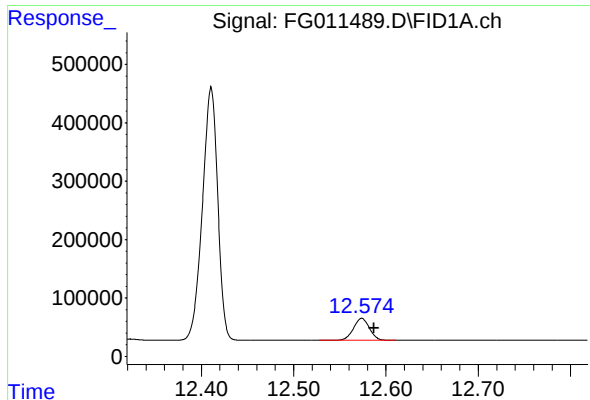
#9 ortho-Terphenyl (SURR)

R.T.: 10.968 min
Delta R.T.: -0.016 min
Response: 693731
Conc: 4.90 ug/ml



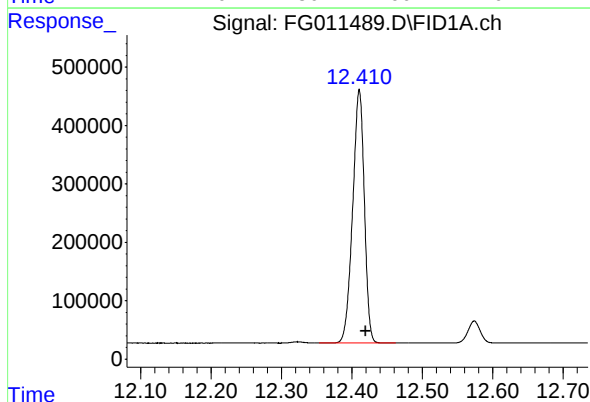
#10 n-Eicosane (C20)

R.T.: 11.960 min
Delta R.T.: -0.013 min
Response: 471225
Conc: 3.64 ug/ml



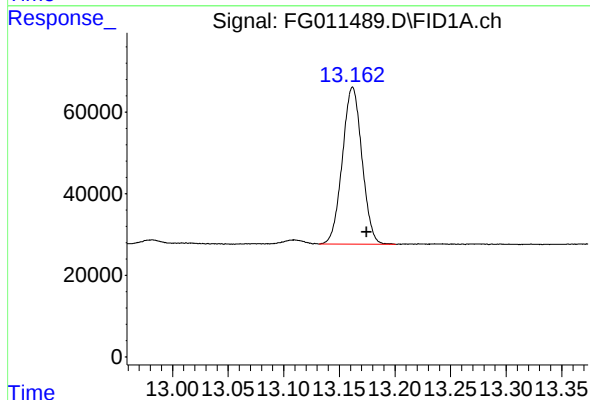
#11 n-Heneicosane (C21)

R.T.: 12.574 min
Delta R.T.: -0.013 min
Response: 451041
Conc: 3.49 ug/ml



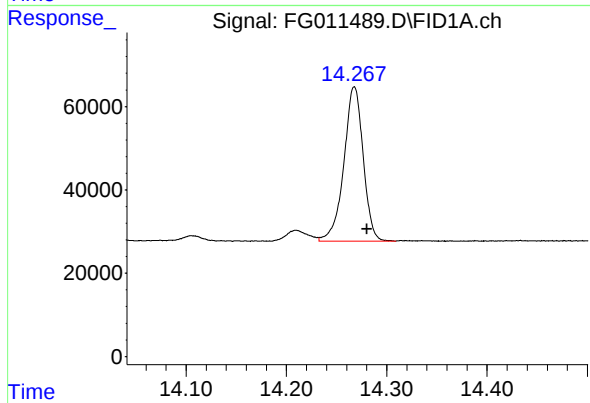
#12 1-chlorooctadecane (SURR)

R.T.: 12.411 min
Delta R.T.: -0.009 min
Response: 4990521
Conc: 44.71 ug/ml



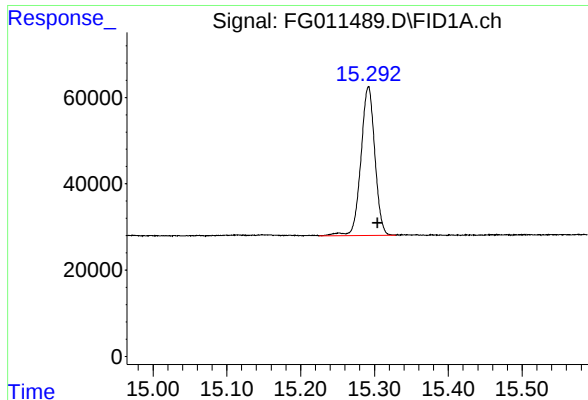
#13 n-Docosane (C22)

R.T.: 13.162 min
Delta R.T.: -0.013 min
Response: 472310
Conc: 3.64 ug/ml



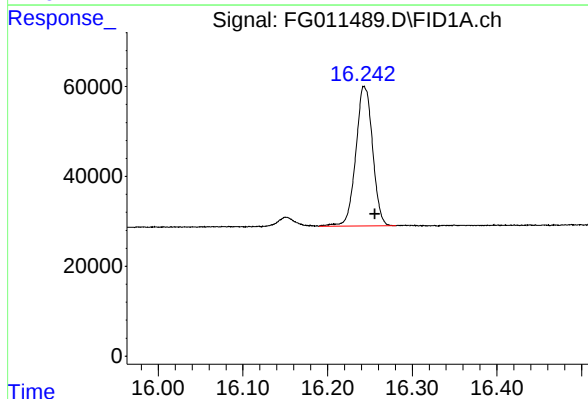
#14 n-Tetracosane (C24)

R.T.: 14.268 min
Delta R.T.: -0.013 min
Response: 496225
Conc: 3.79 ug/ml



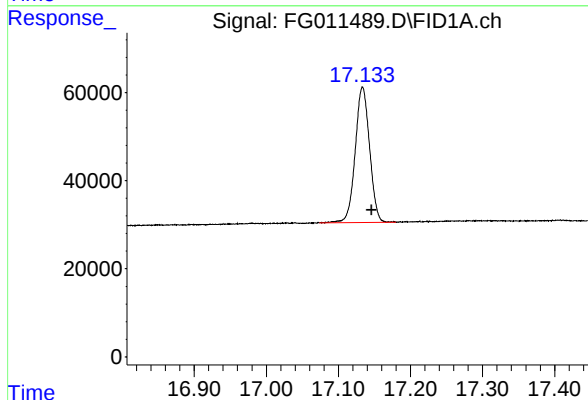
#15 n-Hexacosane (C26)

R.T.: 15.292 min
Delta R.T.: -0.012 min
Response: 450716
Conc: 3.51 ug/ml



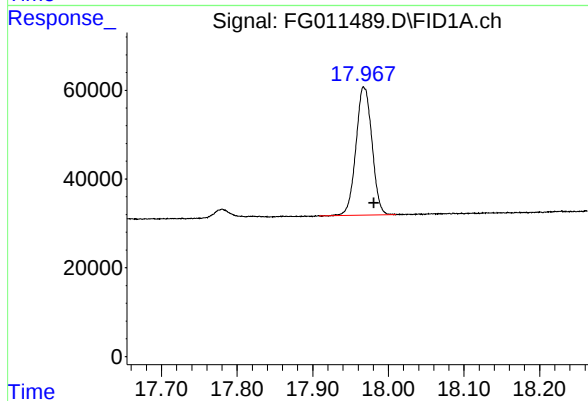
#16 n-Octacosane (C28)

R.T.: 16.243 min
Delta R.T.: -0.013 min
Response: 427986
Conc: 3.39 ug/ml



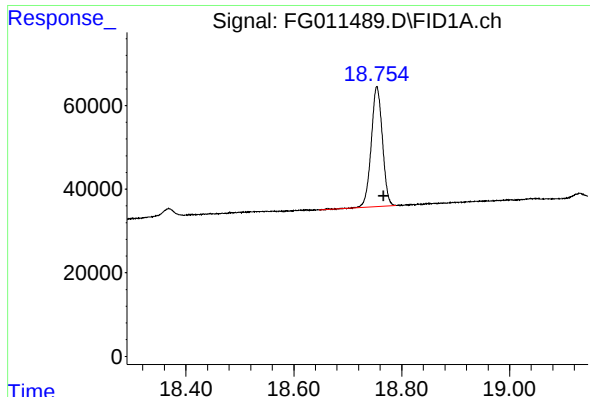
#17 n-Tricontane (C30)

R.T.: 17.134 min
Delta R.T.: -0.013 min
Response: 426236
Conc: 3.42 ug/ml



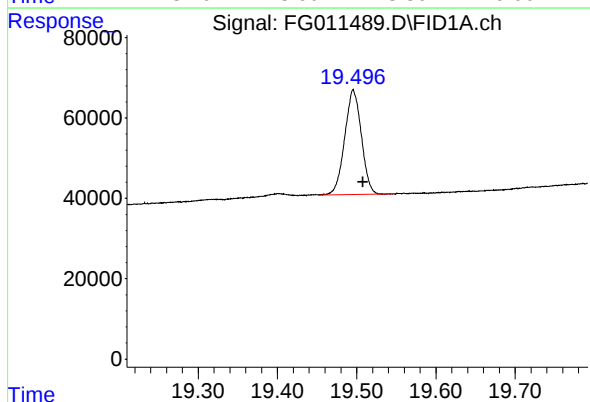
#18 n-Dotriacontane (C32)

R.T.: 17.968 min
Delta R.T.: -0.014 min
Response: 425665
Conc: 3.49 ug/ml



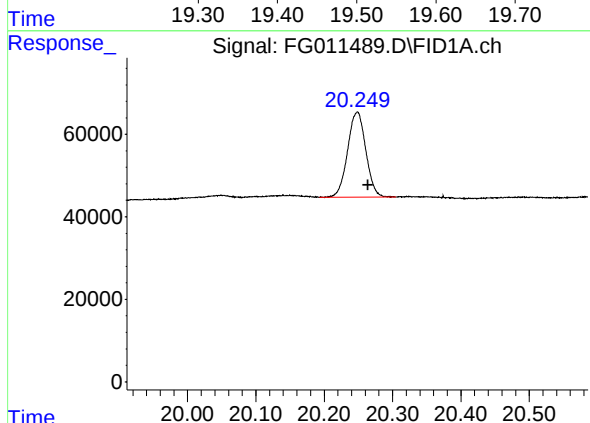
#19 n-Tetratriacontane (C34)

R.T.: 18.754 min
Delta R.T.: -0.013 min
Response: 411781
Conc: 3.43 ug/ml



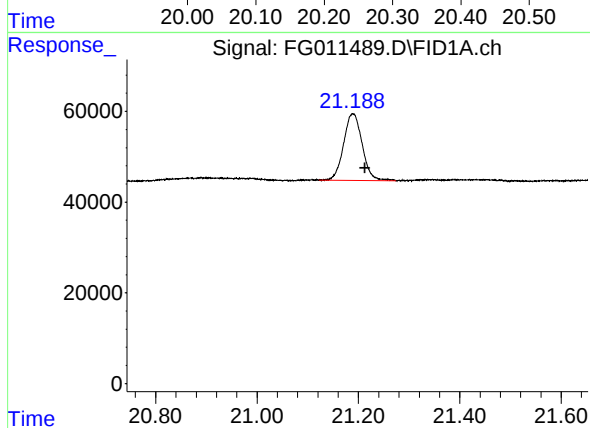
#20 n-Hexatriacontane (C36)

R.T.: 19.496 min
Delta R.T.: -0.012 min
Response: 379970
Conc: 3.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.249 min
Delta R.T.: -0.016 min
Response: 380874
Conc: 3.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.189 min
Delta R.T.: -0.023 min
Response: 373396
Conc: 3.49 ug/ml