

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022823AL\
 Data File : FG011501.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2023 10:39
 Operator : YP\AJ
 Sample : 01627-09
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 06:19:25 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)	10.966	695977	4.918 ug/ml
Spiked Amount 50.000		Recovery =	9.84%
12) S 1-chlorooctadecane (S...	12.408	4716678	42.253 ug/ml
Spiked Amount 50.000		Recovery =	84.51%
Target Compounds			
1) T n-Nonane (C9)	2.790	150042	1.328 ug/ml
2) T n-Decane (C10)	3.805	185534	1.652 ug/ml
4) T n-Dodecane (C12)	5.800	265929	2.295 ug/ml
6) T n-Tetradecane (C14)	7.597	242734	2.021 ug/ml
7) T n-Hexadecane (C16)	9.201	270271	2.124 ug/ml
8) T n-Octadecane (C18)	10.645	311029	2.370 ug/ml
10) T n-Eicosane (C20)	11.959	311830	2.410 ug/ml
11) T n-Heneicosane (C21)	12.573	278170	2.153 ug/ml
13) T n-Docosane (C22)	13.159	328575	2.532 ug/ml
14) T n-Tetracosane (C24)	14.265	380003	2.902 ug/ml
15) T n-Hexacosane (C26)	15.289	372795	2.904 ug/ml
16) T n-Octacosane (C28)	16.242	390305	3.092 ug/ml
17) T n-Tricontane (C30)	17.132	429880	3.453 ug/ml
18) T n-Dotriacontane (C32)	17.967	420218	3.448 ug/ml
19) T n-Tetratriacontane (C34)	18.752	344051	2.865 ug/ml
20) T n-Hexatriacontane (C36)	19.494	283401	2.645 ug/ml
21) T n-Octatriacontane (C38)	20.245	306850	2.913 ug/ml
22) T n-Tetracontane (C40)	21.188	234494	2.192 ug/ml

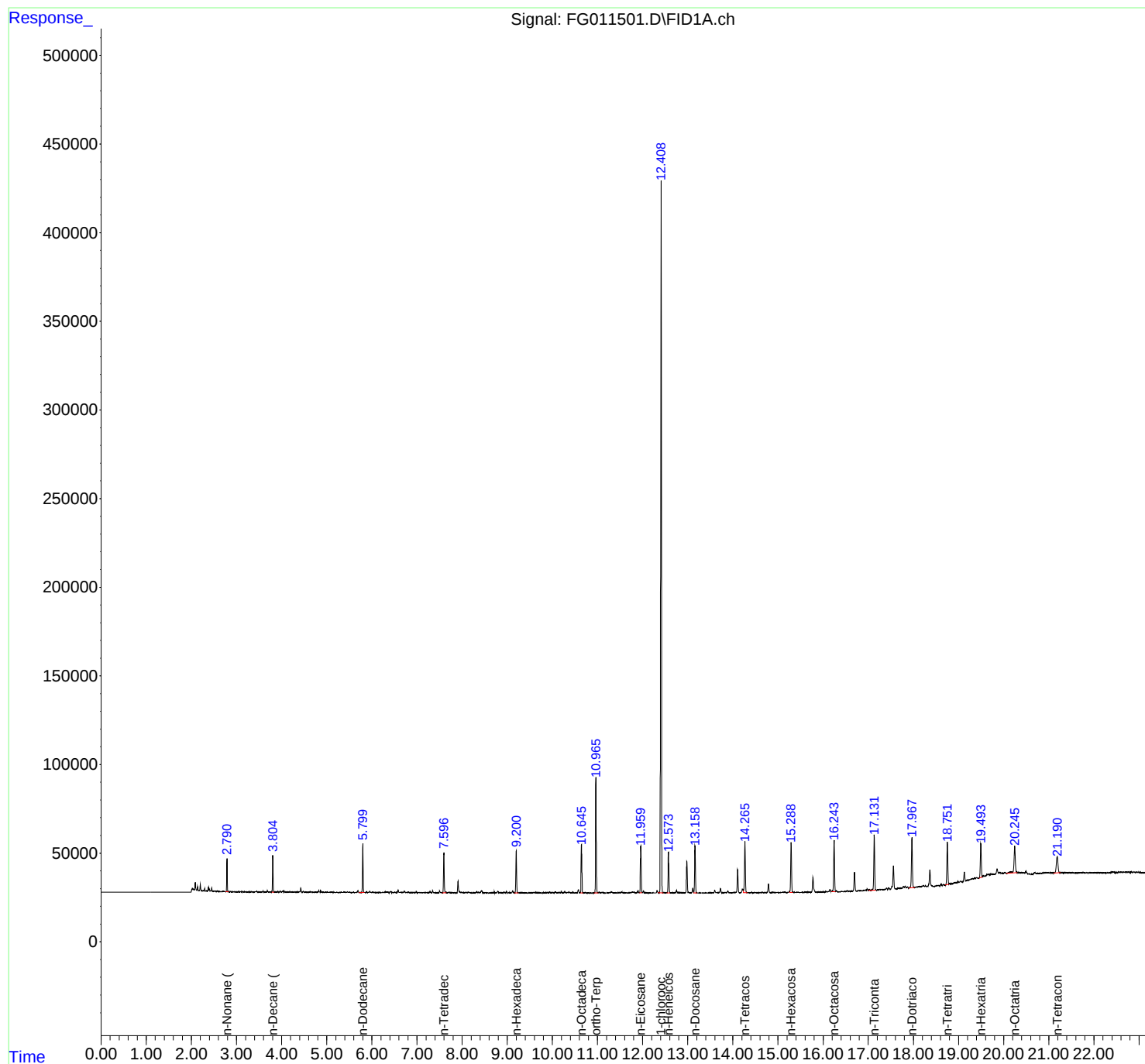
(f)=RT Delta > 1/2 Window

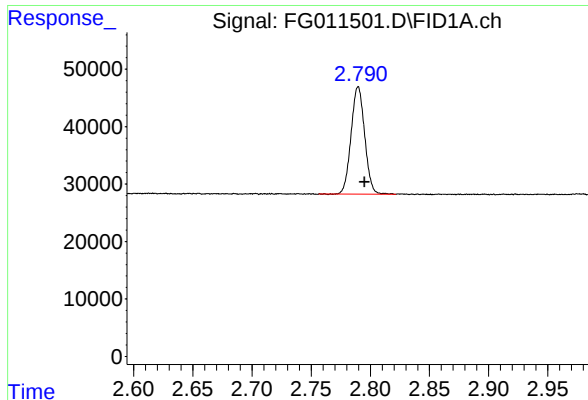
(m)=manual int.

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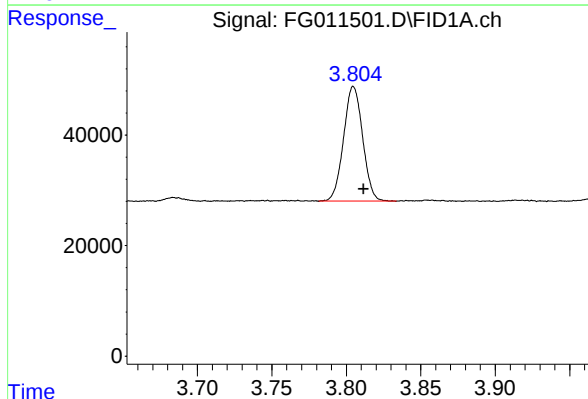
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Signal Info : 20M x 0.18mm x 0.18um





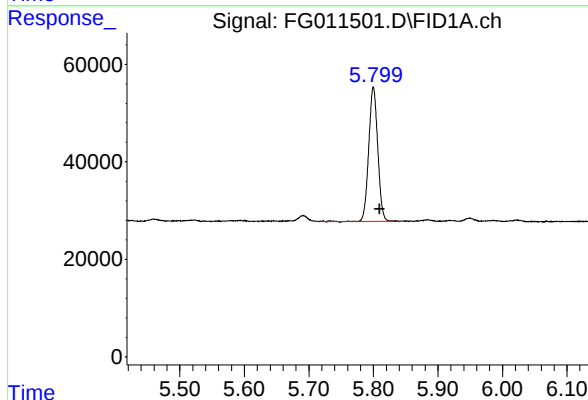
#1 n-Nonane (C9)

R.T.: 2.790 min
Delta R.T.: -0.005 min
Response: 150042
Conc: 1.33 ug/ml



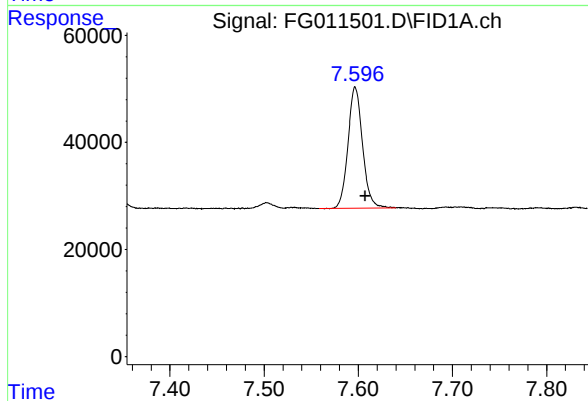
#2 n-Decane (C10)

R.T.: 3.805 min
Delta R.T.: -0.007 min
Response: 185534
Conc: 1.65 ug/ml



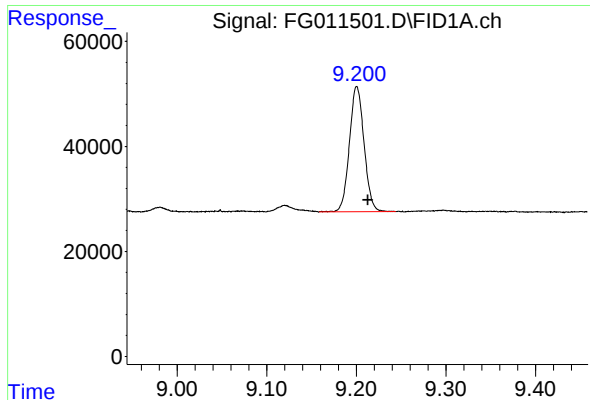
#4 n-Dodecane (C12)

R.T.: 5.800 min
Delta R.T.: -0.010 min
Response: 265929
Conc: 2.29 ug/ml



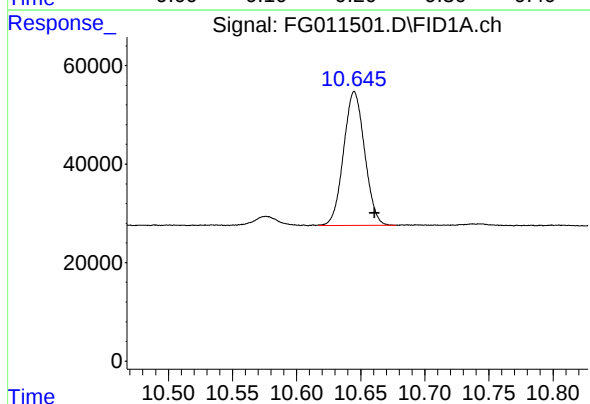
#6 n-Tetradecane (C14)

R.T.: 7.597 min
Delta R.T.: -0.011 min
Response: 242734
Conc: 2.02 ug/ml



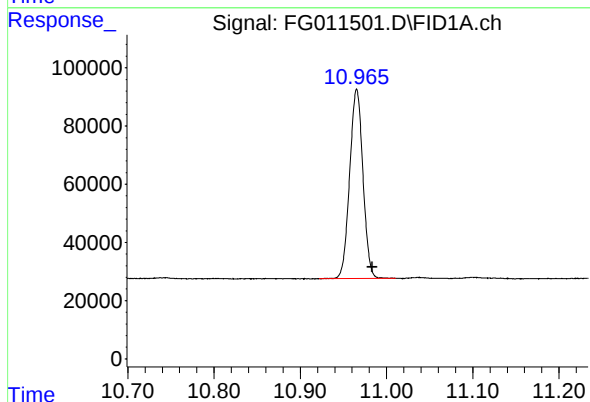
#7 n-Hexadecane (C16)

R.T.: 9.201 min
Delta R.T.: -0.013 min
Response: 270271
Conc: 2.12 ug/ml



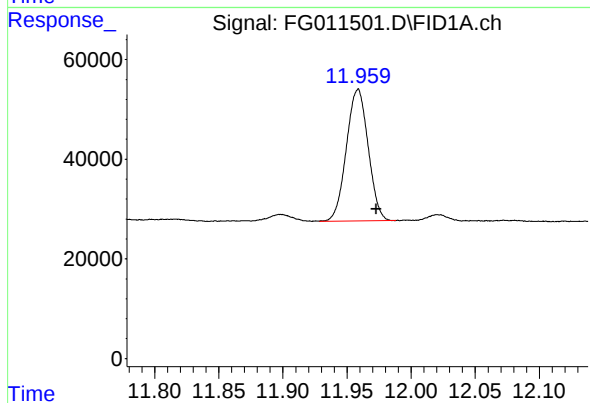
#8 n-Octadecane (C18)

R.T.: 10.645 min
Delta R.T.: -0.016 min
Response: 311029
Conc: 2.37 ug/ml



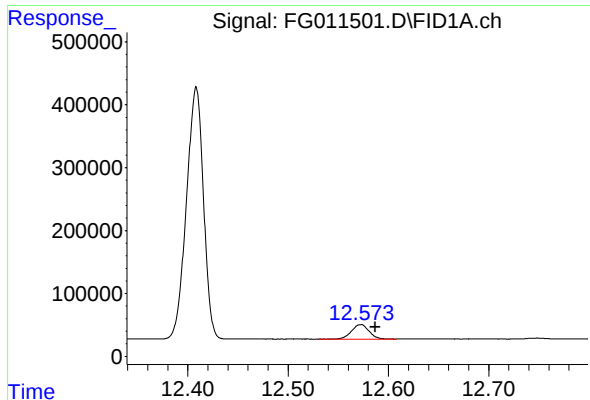
#9 ortho-Terphenyl (SURR)

R.T.: 10.966 min
Delta R.T.: -0.018 min
Response: 695977
Conc: 4.92 ug/ml



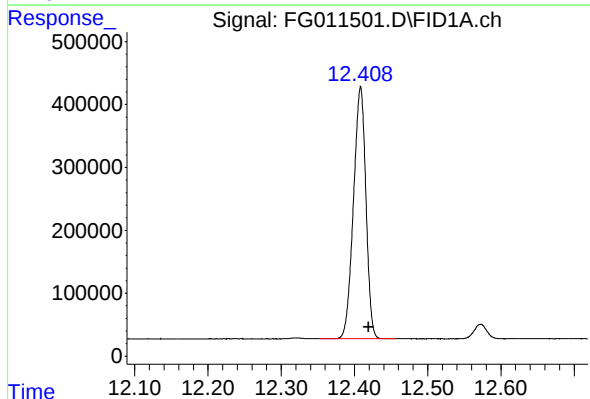
#10 n-Eicosane (C20)

R.T.: 11.959 min
Delta R.T.: -0.014 min
Response: 311830
Conc: 2.41 ug/ml



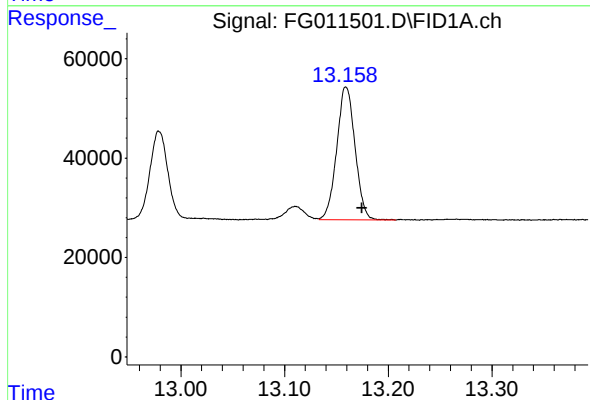
#11 n-Heneicosane (C21)

R.T.: 12.573 min
Delta R.T.: -0.014 min
Response: 278170
Conc: 2.15 ug/ml



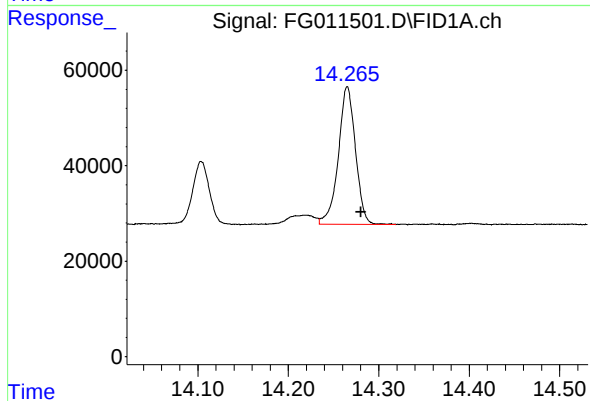
#12 1-chlorooctadecane (SURR)

R.T.: 12.408 min
Delta R.T.: -0.011 min
Response: 4716678
Conc: 42.25 ug/ml



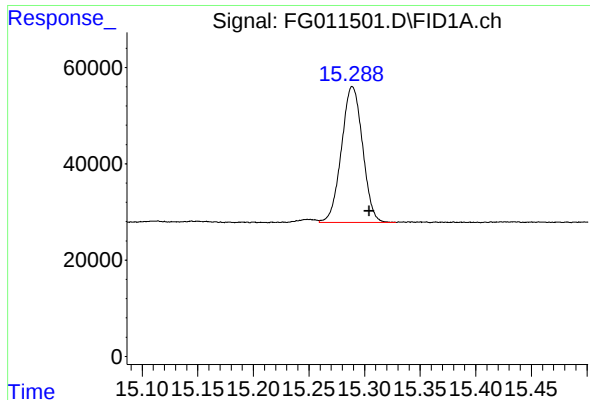
#13 n-Docosane (C22)

R.T.: 13.159 min
Delta R.T.: -0.015 min
Response: 328575
Conc: 2.53 ug/ml



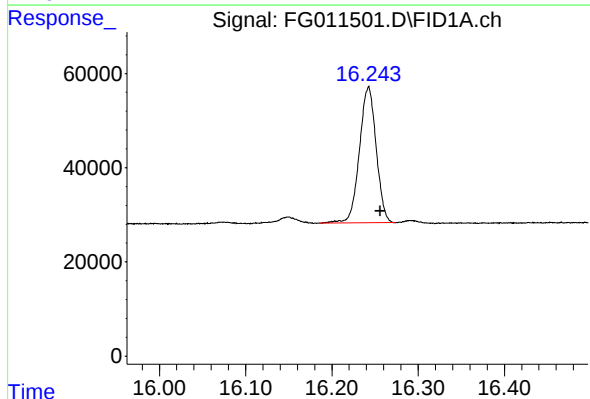
#14 n-Tetracosane (C24)

R.T.: 14.265 min
Delta R.T.: -0.015 min
Response: 380003
Conc: 2.90 ug/ml



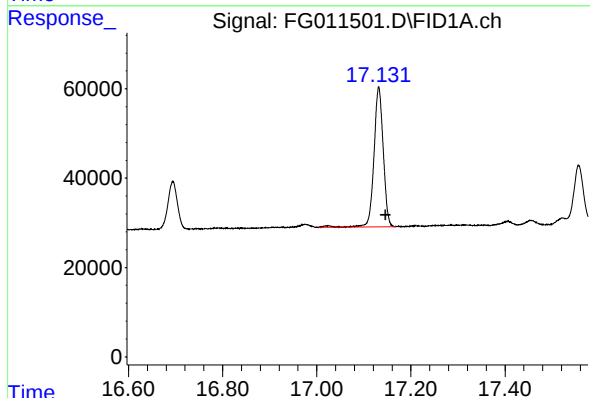
#15 n-Hexacosane (C26)

R.T.: 15.289 min
Delta R.T.: -0.015 min
Response: 372795
Conc: 2.90 ug/ml



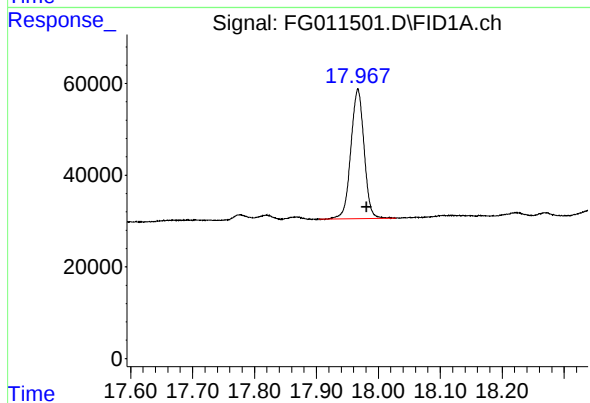
#16 n-Octacosane (C28)

R.T.: 16.242 min
Delta R.T.: -0.014 min
Response: 390305
Conc: 3.09 ug/ml



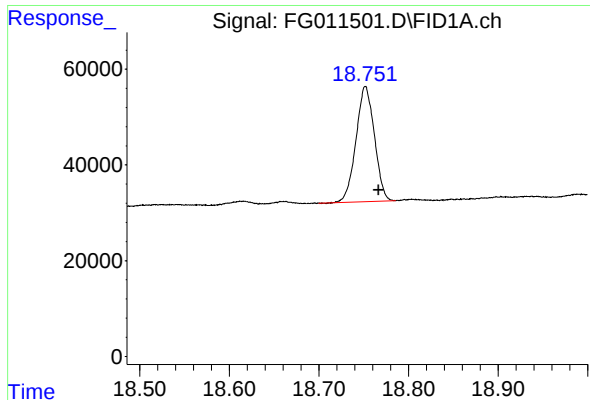
#17 n-Tricontane (C30)

R.T.: 17.132 min
Delta R.T.: -0.014 min
Response: 429880
Conc: 3.45 ug/ml



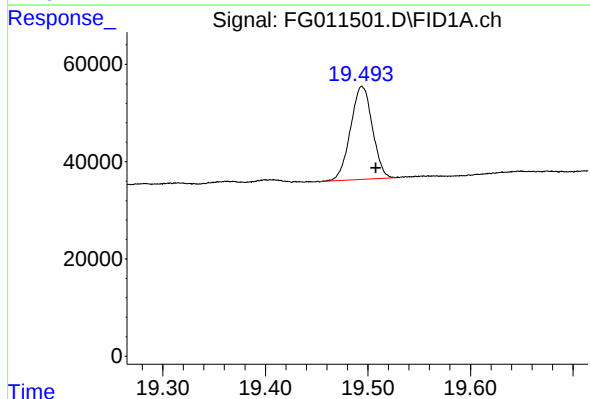
#18 n-Dotriacontane (C32)

R.T.: 17.967 min
Delta R.T.: -0.014 min
Response: 420218
Conc: 3.45 ug/ml



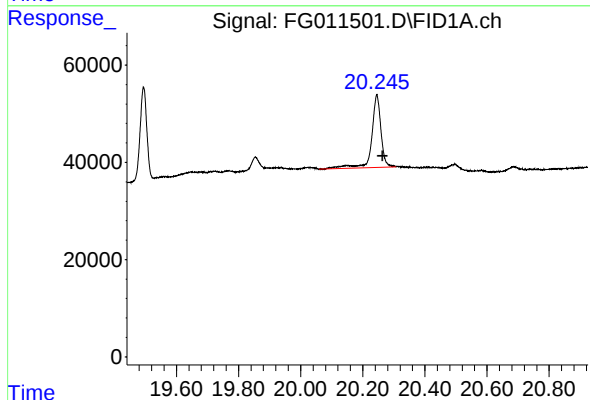
#19 n-Tetratriacontane (C34)

R.T.: 18.752 min
Delta R.T.: -0.015 min
Response: 344051
Conc: 2.86 ug/ml



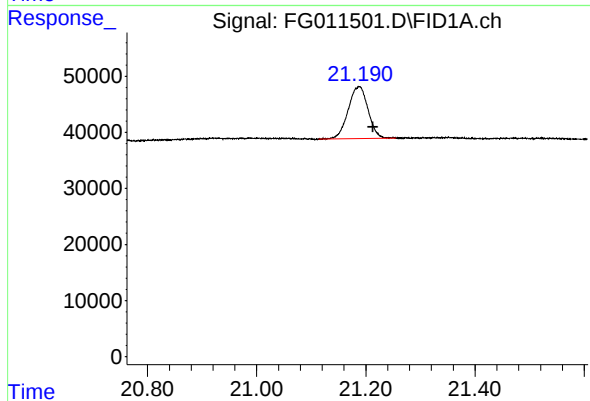
#20 n-Hexatriacontane (C36)

R.T.: 19.494 min
Delta R.T.: -0.014 min
Response: 283401
Conc: 2.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.245 min
Delta R.T.: -0.019 min
Response: 306850
Conc: 2.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.188 min
Delta R.T.: -0.024 min
Response: 234494
Conc: 2.19 ug/ml