

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022823AL\
 Data File : FG011502.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2023 11:09
 Operator : YP\AJ
 Sample : 01627-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 06:19:32 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)	10.965	611834	4.324 ug/ml
Spiked Amount 50.000		Recovery =	8.65%
12) S 1-chlorooctadecane (S...	12.407	4442756	39.800 ug/ml
Spiked Amount 50.000		Recovery =	79.60%
Target Compounds			
1) T n-Nonane (C9)	2.791	149103	1.320 ug/ml
2) T n-Decane (C10)	3.805	186201	1.658 ug/ml
4) T n-Dodecane (C12)	5.801	264755	2.285 ug/ml
6) T n-Tetradecane (C14)	7.597	240086	1.999 ug/ml
7) T n-Hexadecane (C16)	9.201	264640	2.080 ug/ml
8) T n-Octadecane (C18)	10.645	307585	2.344 ug/ml
10) T n-Eicosane (C20)	11.959	311580	2.409 ug/ml
11) T n-Heneicosane (C21)	12.572	275493	2.133 ug/ml
13) T n-Docosane (C22)	13.160	332931	2.565 ug/ml
14) T n-Tetracosane (C24)	14.265	392621	2.999 ug/ml
15) T n-Hexacosane (C26)	15.290	395768	3.083 ug/ml
16) T n-Octacosane (C28)	16.242	428871	3.398 ug/ml
17) T n-Tricontane (C30)	17.133	480307	3.858 ug/ml
18) T n-Dotriacontane (C32)	17.966	470127	3.857 ug/ml
19) T n-Tetratriacontane (C34)	18.753	370017	3.081 ug/ml
20) T n-Hexatriacontane (C36)	19.494	291521	2.721 ug/ml
21) T n-Octatriacontane (C38)	20.246	264666	2.512 ug/ml
22) T n-Tetracontane (C40)	21.186	259959	2.430 ug/ml

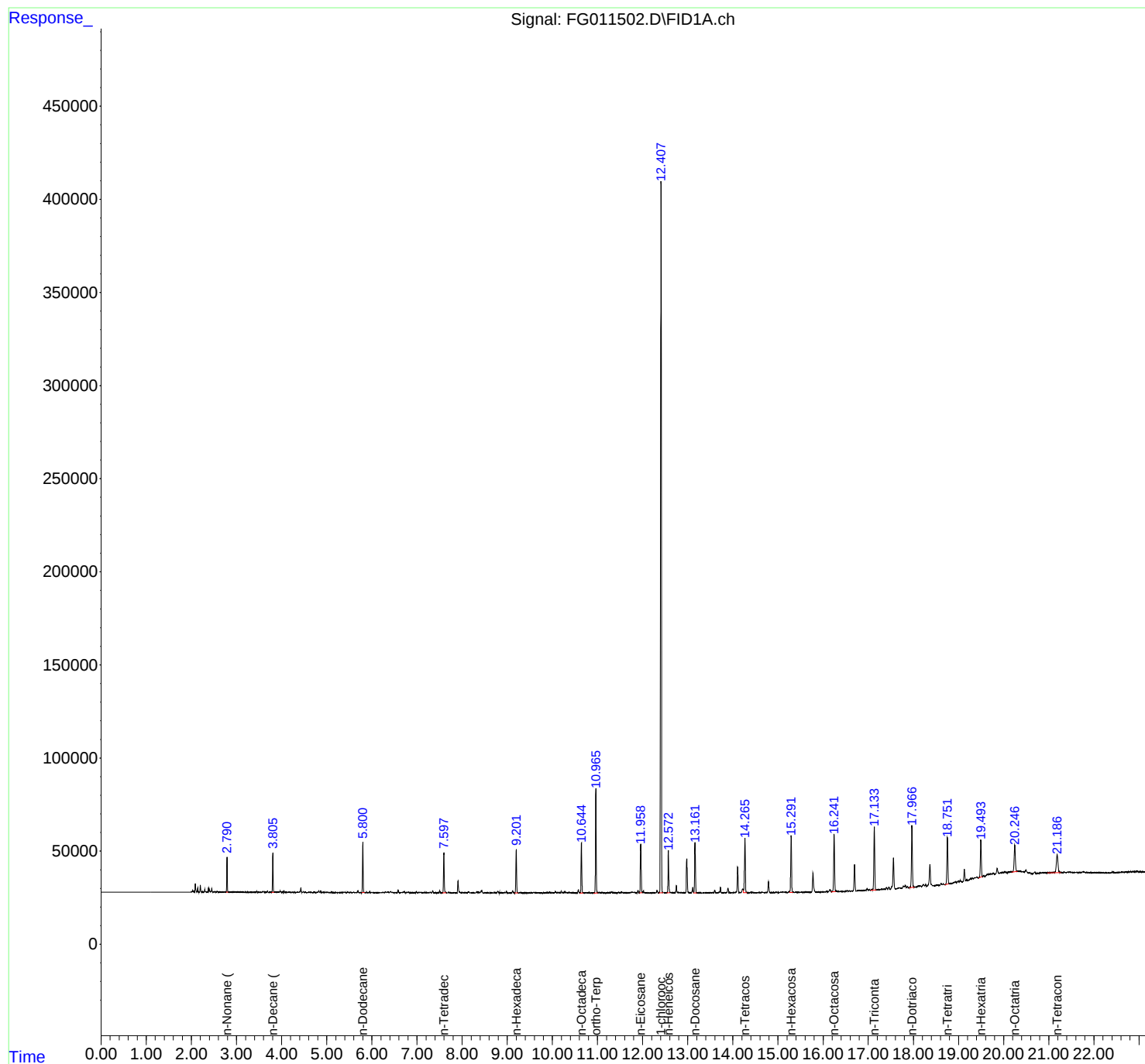
(f)=RT Delta > 1/2 Window

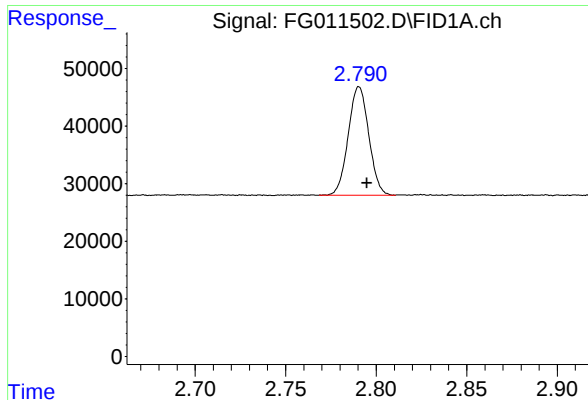
(m)=manual int.

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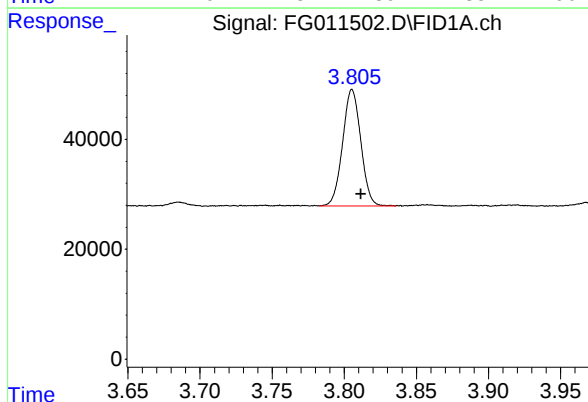
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Signal Info : 20M x 0.18mm x 0.18um





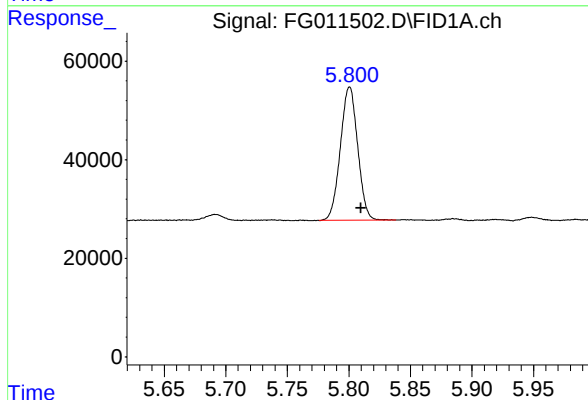
#1 n-Nonane (C9)

R.T.: 2.791 min
Delta R.T.: -0.004 min
Response: 149103
Conc: 1.32 ug/ml



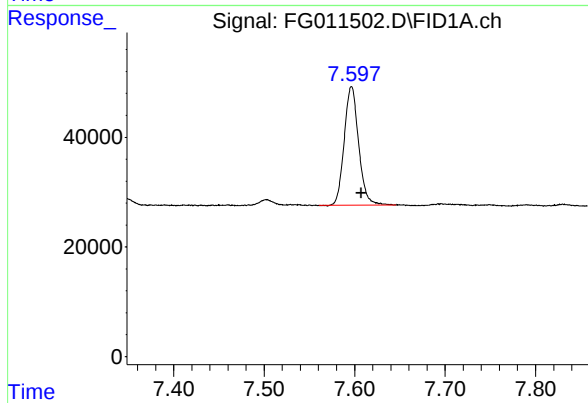
#2 n-Decane (C10)

R.T.: 3.805 min
Delta R.T.: -0.006 min
Response: 186201
Conc: 1.66 ug/ml



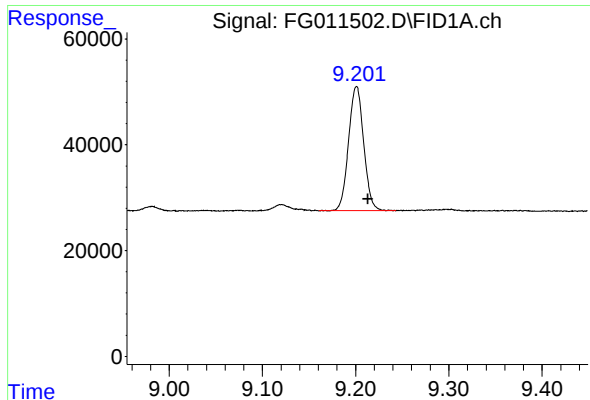
#4 n-Dodecane (C12)

R.T.: 5.801 min
Delta R.T.: -0.009 min
Response: 264755
Conc: 2.28 ug/ml



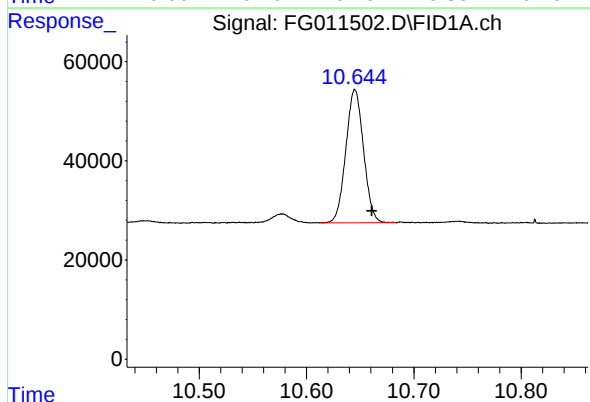
#6 n-Tetradecane (C14)

R.T.: 7.597 min
Delta R.T.: -0.011 min
Response: 240086
Conc: 2.00 ug/ml



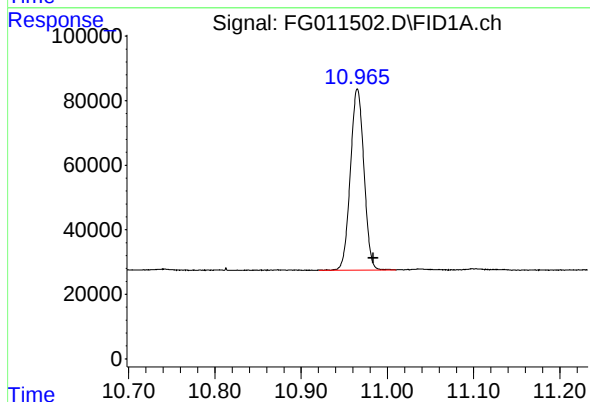
#7 n-Hexadecane (C16)

R.T.: 9.201 min
Delta R.T.: -0.012 min
Response: 264640
Conc: 2.08 ug/ml



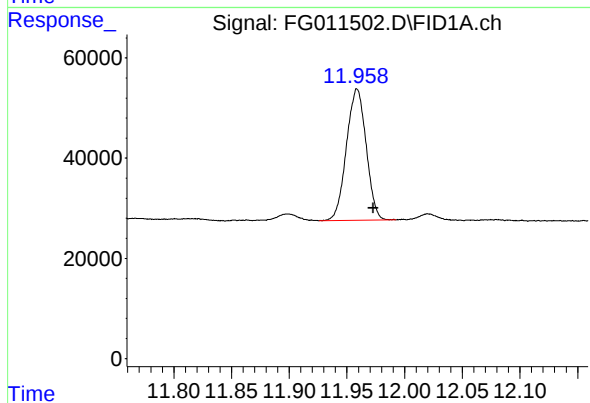
#8 n-Octadecane (C18)

R.T.: 10.645 min
Delta R.T.: -0.016 min
Response: 307585
Conc: 2.34 ug/ml



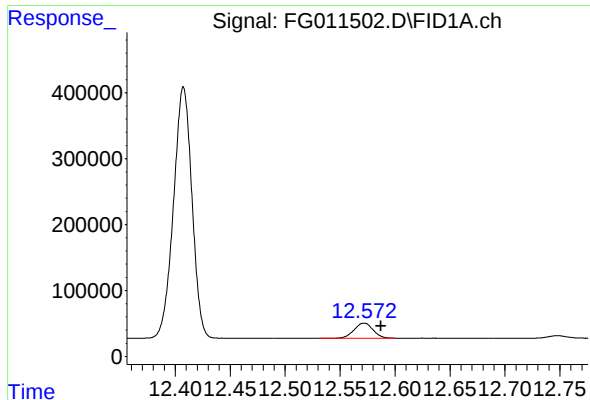
#9 ortho-Terphenyl (SURR)

R.T.: 10.965 min
Delta R.T.: -0.018 min
Response: 611834
Conc: 4.32 ug/ml



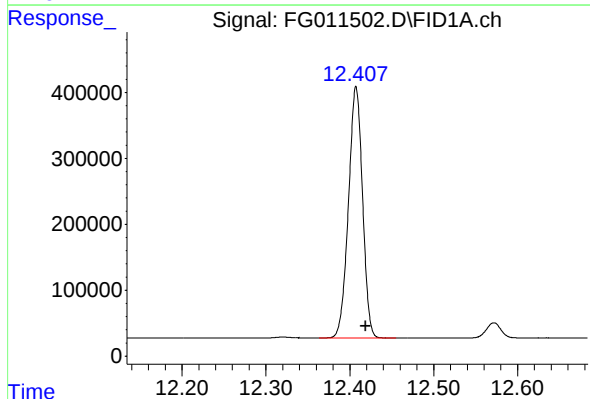
#10 n-Eicosane (C20)

R.T.: 11.959 min
Delta R.T.: -0.014 min
Response: 311580
Conc: 2.41 ug/ml



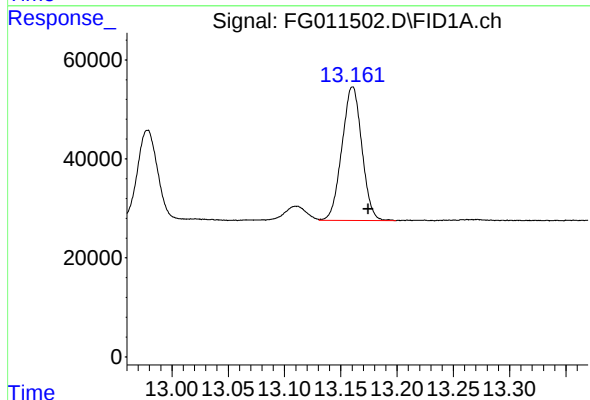
#11 n-Heneicosane (C21)

R.T.: 12.572 min
Delta R.T.: -0.015 min
Response: 275493
Conc: 2.13 ug/ml



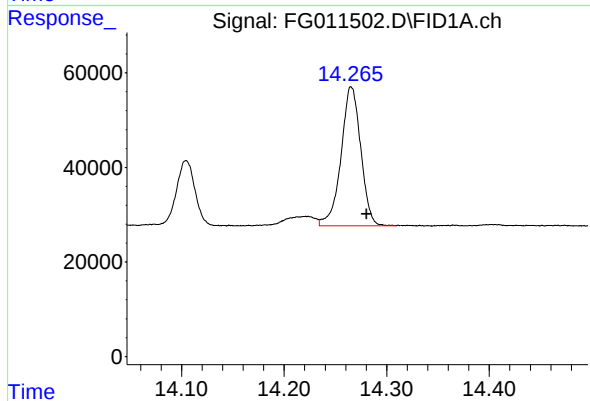
#12 1-chlorooctadecane (SURR)

R.T.: 12.407 min
Delta R.T.: -0.012 min
Response: 4442756
Conc: 39.80 ug/ml



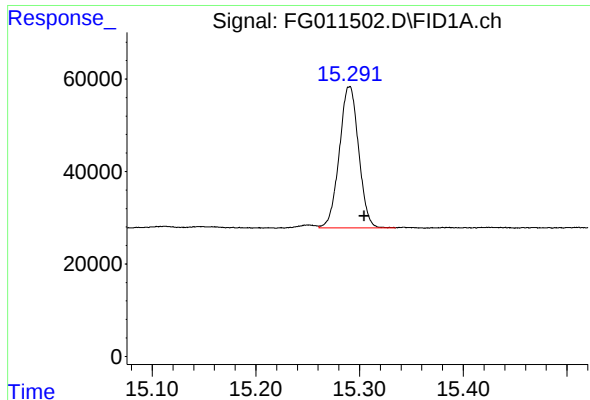
#13 n-Docosane (C22)

R.T.: 13.160 min
Delta R.T.: -0.014 min
Response: 332931
Conc: 2.57 ug/ml



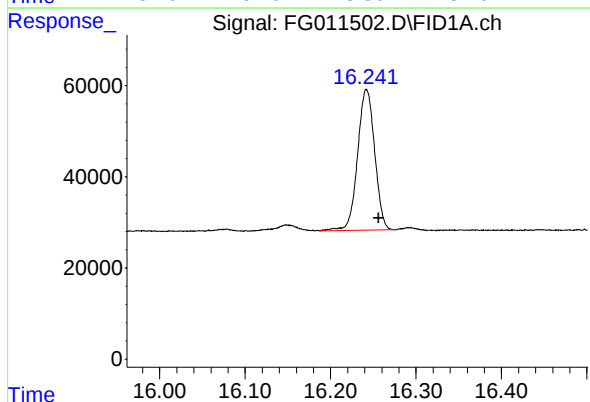
#14 n-Tetracosane (C24)

R.T.: 14.265 min
Delta R.T.: -0.015 min
Response: 392621
Conc: 3.00 ug/ml



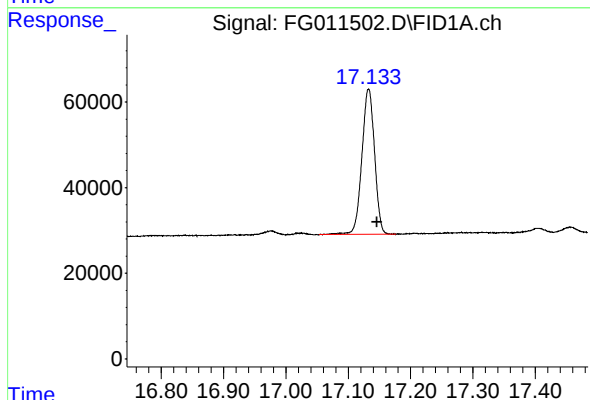
#15 n-Hexacosane (C26)

R.T.: 15.290 min
Delta R.T.: -0.014 min
Response: 395768
Conc: 3.08 ug/ml



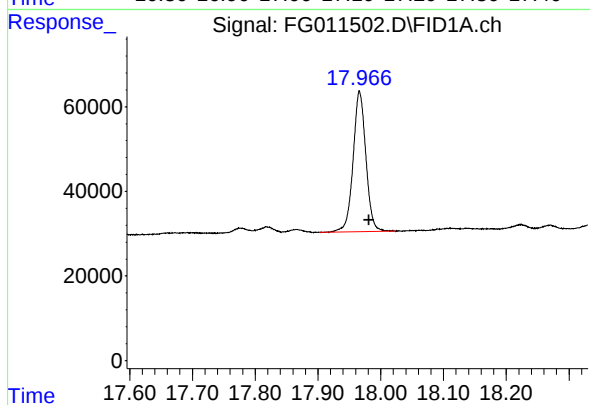
#16 n-Octacosane (C28)

R.T.: 16.242 min
Delta R.T.: -0.014 min
Response: 428871
Conc: 3.40 ug/ml



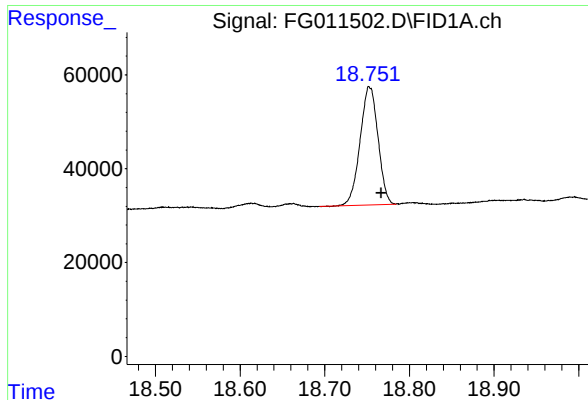
#17 n-Tricontane (C30)

R.T.: 17.133 min
Delta R.T.: -0.013 min
Response: 480307
Conc: 3.86 ug/ml



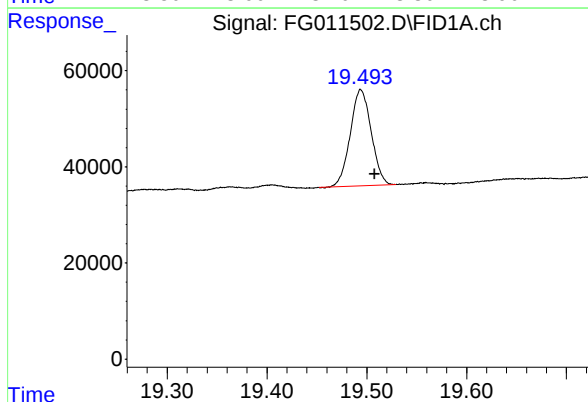
#18 n-Dotriacontane (C32)

R.T.: 17.966 min
Delta R.T.: -0.015 min
Response: 470127
Conc: 3.86 ug/ml



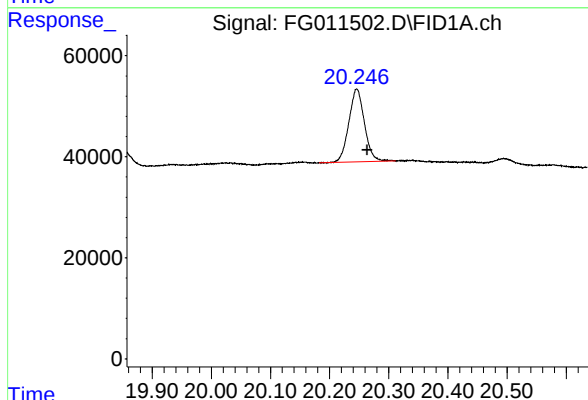
#19 n-Tetratriacontane (C34)

R.T.: 18.753 min
Delta R.T.: -0.014 min
Response: 370017
Conc: 3.08 ug/ml



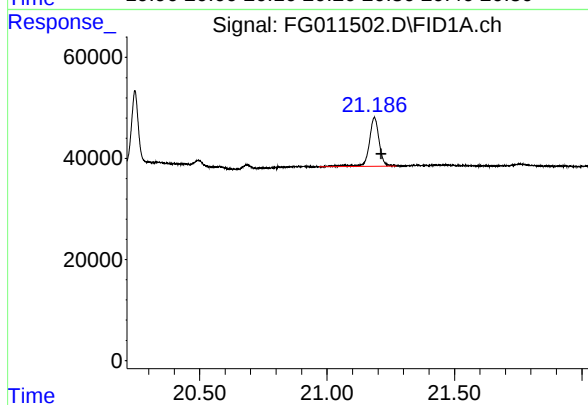
#20 n-Hexatriacontane (C36)

R.T.: 19.494 min
Delta R.T.: -0.014 min
Response: 291521
Conc: 2.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.246 min
Delta R.T.: -0.018 min
Response: 264666
Conc: 2.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.186 min
Delta R.T.: -0.027 min
Response: 259959
Conc: 2.43 ug/ml