

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022723AL\
 Data File : FG011491.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2023 22:13
 Operator : YP\AJ
 Sample : 01627-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 04:15:43 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)	10.967	674801	4.769 ug/ml
Spiked Amount 50.000		Recovery =	9.54%
12) S 1-chlorooctadecane (S...	12.411	5945956	53.266 ug/ml
Spiked Amount 50.000		Recovery =	106.53%
Target Compounds			
1) T n-Nonane (C9)	2.791	194126	1.718 ug/ml
2) T n-Decane (C10)	3.805	241492	2.150 ug/ml
4) T n-Dodecane (C12)	5.801	324173	2.798 ug/ml
6) T n-Tetradecane (C14)	7.598	314280	2.616 ug/ml
7) T n-Hexadecane (C16)	9.202	334927	2.632 ug/ml
8) T n-Octadecane (C18)	10.647	364550	2.778 ug/ml
10) T n-Eicosane (C20)	11.960	373859	2.890 ug/ml
11) T n-Heneicosane (C21)	12.574	344631	2.668 ug/ml
13) T n-Docosane (C22)	13.162	378904	2.919 ug/ml
14) T n-Tetracosane (C24)	14.268	397263	3.034 ug/ml
15) T n-Hexacosane (C26)	15.291	378572	2.949 ug/ml
16) T n-Octacosane (C28)	16.243	374481	2.967 ug/ml
17) T n-Tricontane (C30)	17.133	396920	3.188 ug/ml
18) T n-Dotriacontane (C32)	17.969	402024	3.299 ug/ml
19) T n-Tetratriacontane (C34)	18.753	391393	3.259 ug/ml
20) T n-Hexatriacontane (C36)	19.497	325308	3.036 ug/ml
21) T n-Octatriacontane (C38)	20.248	306700	2.911 ug/ml
22) T n-Tetracontane (C40)	21.189	294017	2.749 ug/ml

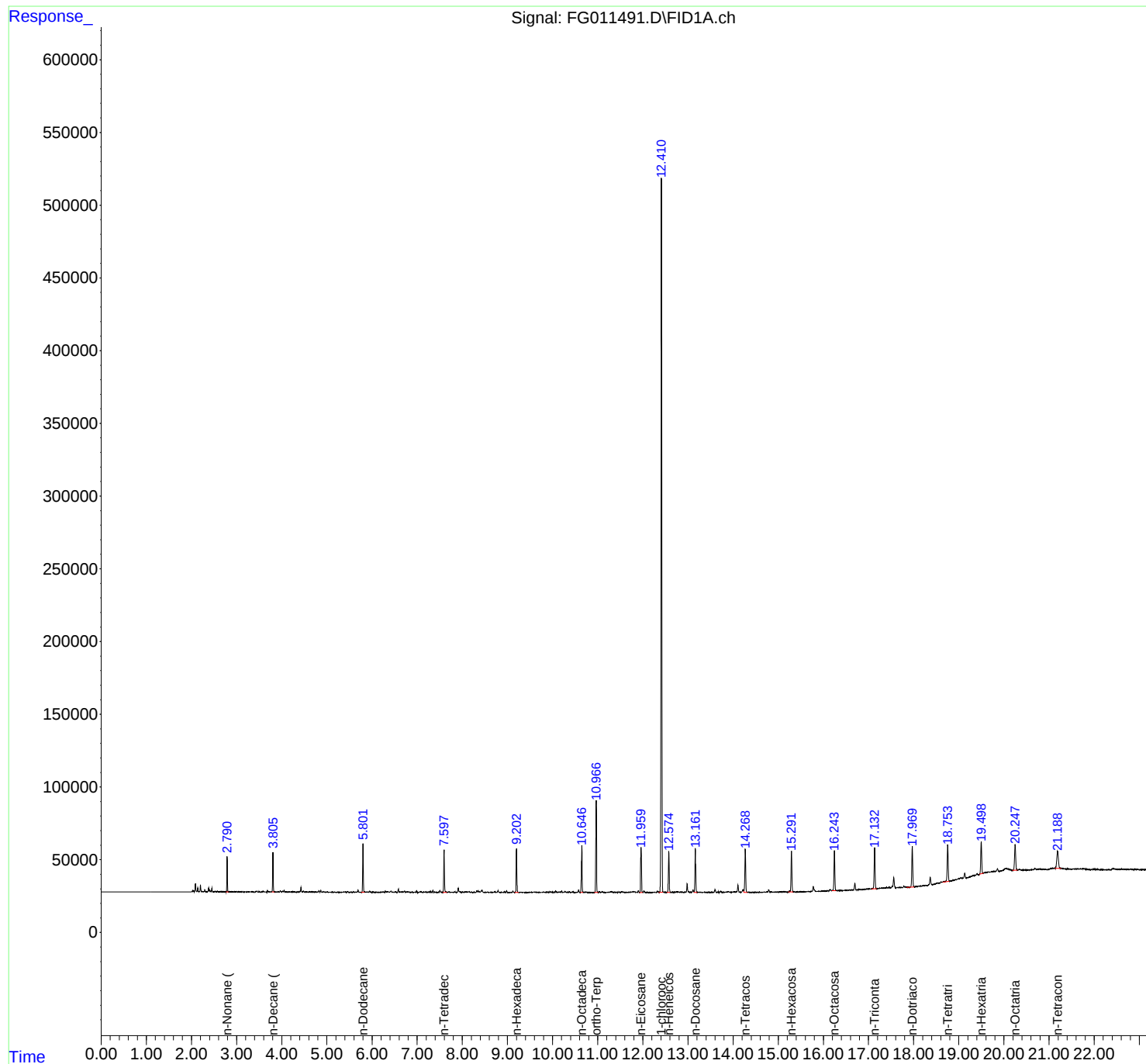
(f)=RT Delta > 1/2 Window

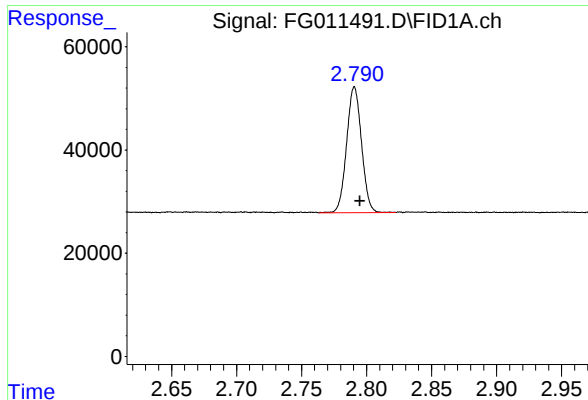
(m)=manual int.

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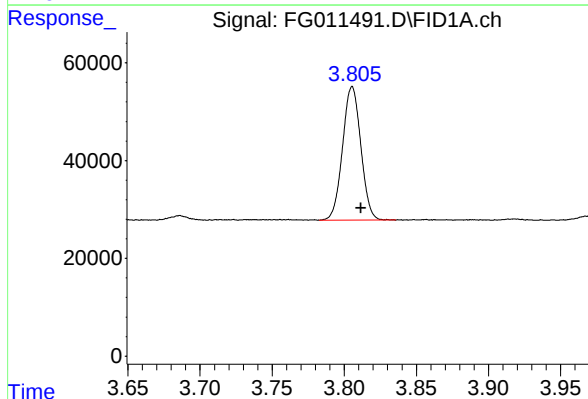
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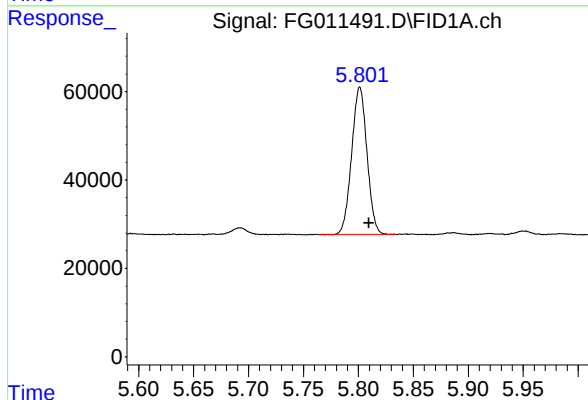
#1 n-Nonane (C9)

R.T.: 2.791 min
Delta R.T.: -0.004 min
Response: 194126
Conc: 1.72 ug/ml



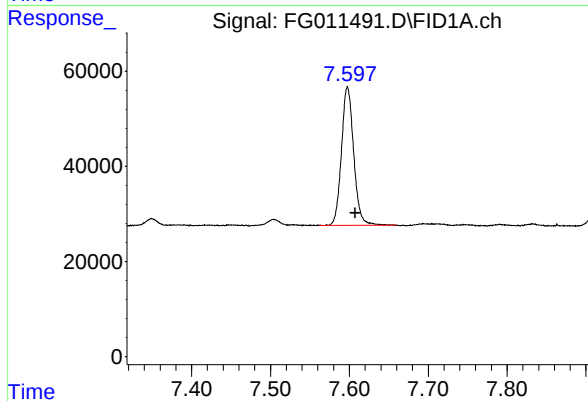
#2 n-Decane (C10)

R.T.: 3.805 min
Delta R.T.: -0.006 min
Response: 241492
Conc: 2.15 ug/ml



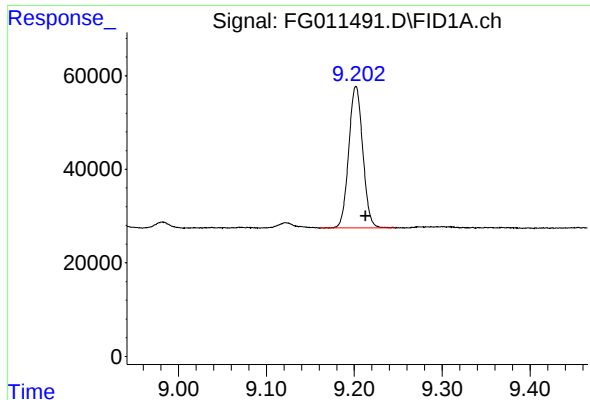
#4 n-Dodecane (C12)

R.T.: 5.801 min
Delta R.T.: -0.008 min
Response: 324173
Conc: 2.80 ug/ml



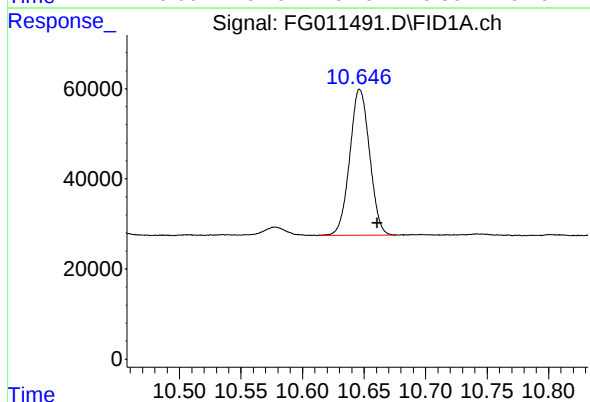
#6 n-Tetradecane (C14)

R.T.: 7.598 min
Delta R.T.: -0.010 min
Response: 314280
Conc: 2.62 ug/ml



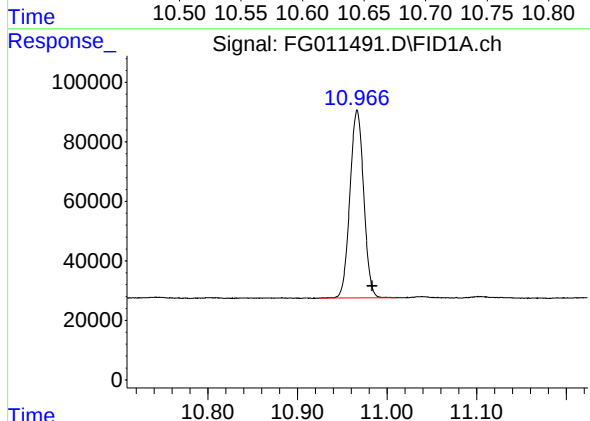
#7 n-Hexadecane (C16)

R.T.: 9.202 min
Delta R.T.: -0.011 min
Response: 334927
Conc: 2.63 ug/ml



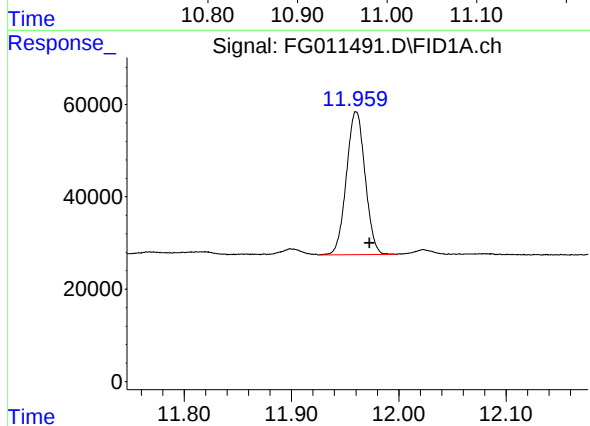
#8 n-Octadecane (C18)

R.T.: 10.647 min
Delta R.T.: -0.014 min
Response: 364550
Conc: 2.78 ug/ml



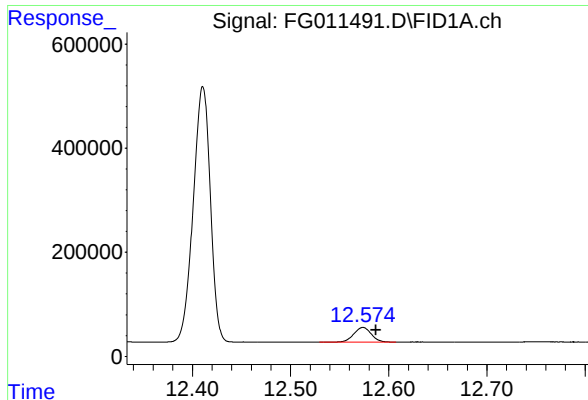
#9 ortho-Terphenyl (SURR)

R.T.: 10.967 min
Delta R.T.: -0.017 min
Response: 674801
Conc: 4.77 ug/ml



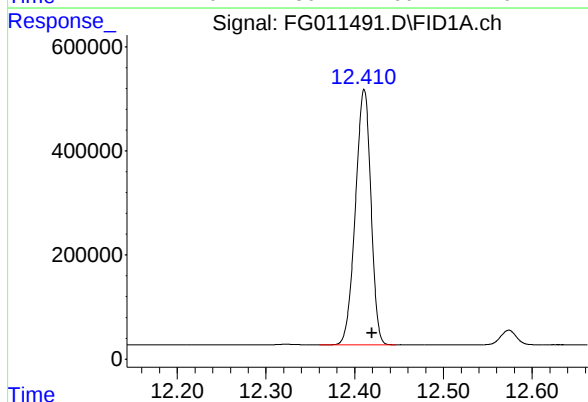
#10 n-Eicosane (C20)

R.T.: 11.960 min
Delta R.T.: -0.013 min
Response: 373859
Conc: 2.89 ug/ml



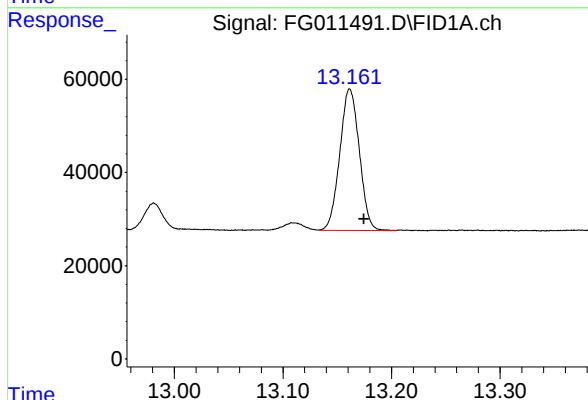
#11 n-Heneicosane (C21)

R.T.: 12.574 min
Delta R.T.: -0.013 min
Response: 344631
Conc: 2.67 ug/ml



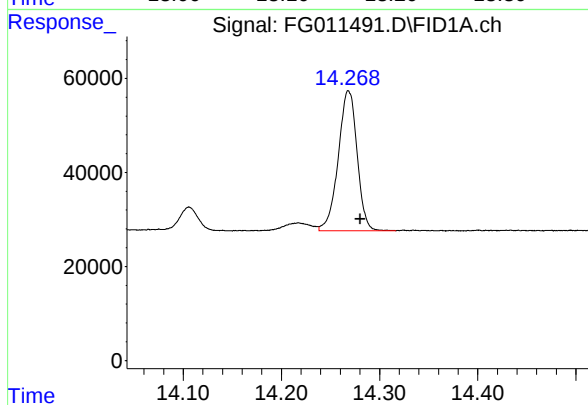
#12 1-chlorooctadecane (SURR)

R.T.: 12.411 min
Delta R.T.: -0.008 min
Response: 5945956
Conc: 53.27 ug/ml



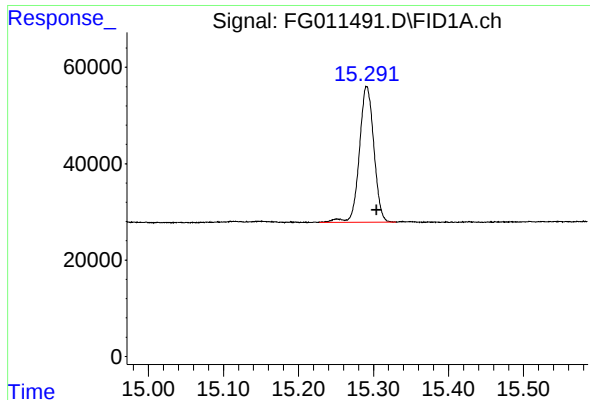
#13 n-Docosane (C22)

R.T.: 13.162 min
Delta R.T.: -0.013 min
Response: 378904
Conc: 2.92 ug/ml



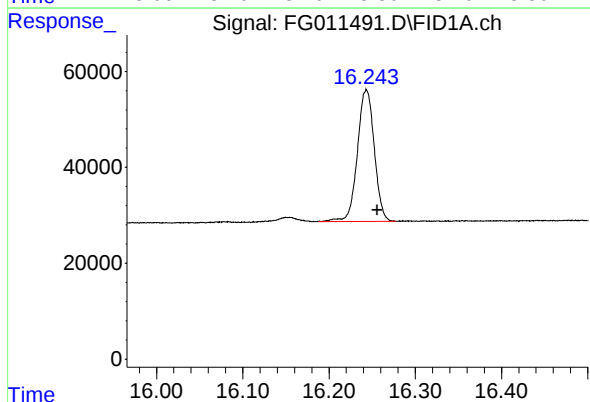
#14 n-Tetracosane (C24)

R.T.: 14.268 min
Delta R.T.: -0.012 min
Response: 397263
Conc: 3.03 ug/ml



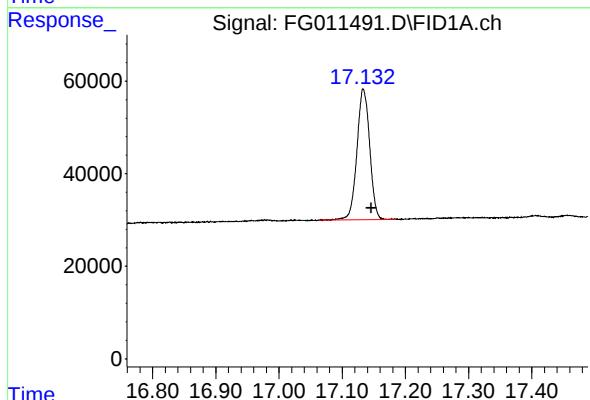
#15 n-Hexacosane (C26)

R.T.: 15.291 min
Delta R.T.: -0.013 min
Response: 378572
Conc: 2.95 ug/ml



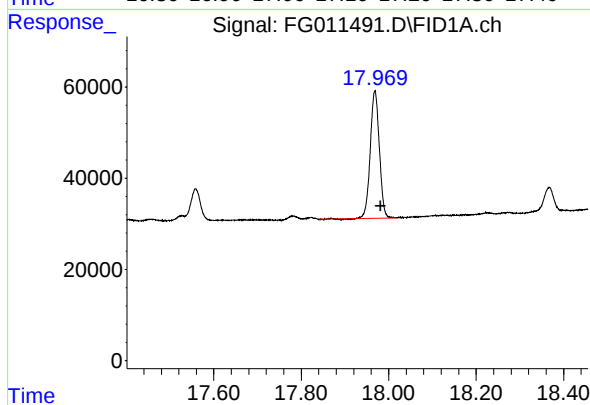
#16 n-Octacosane (C28)

R.T.: 16.243 min
Delta R.T.: -0.013 min
Response: 374481
Conc: 2.97 ug/ml



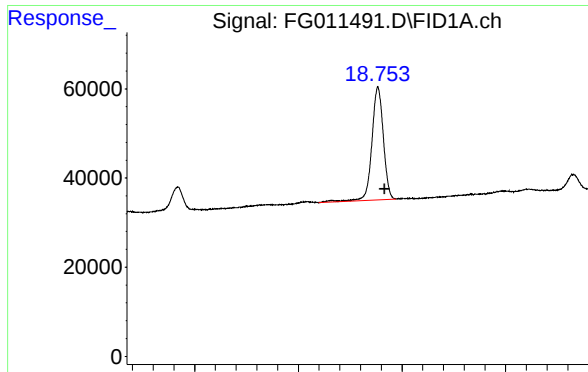
#17 n-Tricontane (C30)

R.T.: 17.133 min
Delta R.T.: -0.013 min
Response: 396920
Conc: 3.19 ug/ml



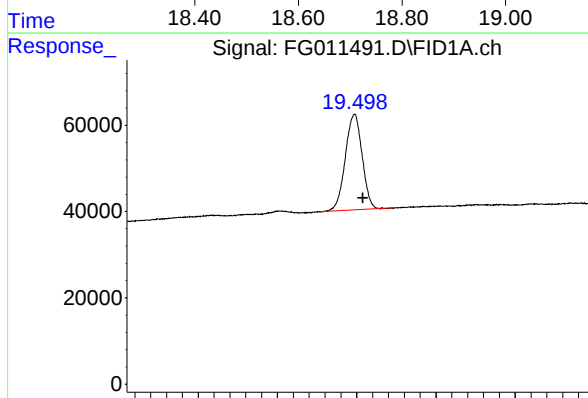
#18 n-Dotriacontane (C32)

R.T.: 17.969 min
Delta R.T.: -0.013 min
Response: 402024
Conc: 3.30 ug/ml



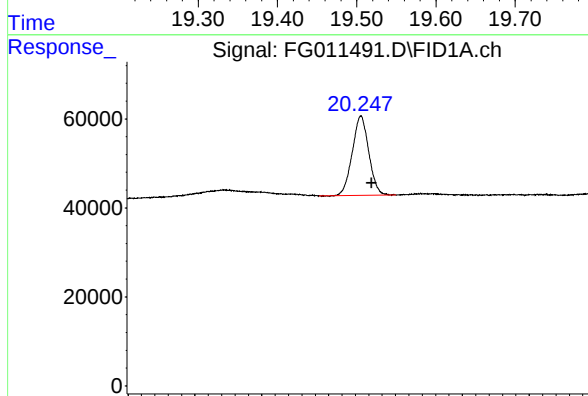
#19 n-Tetratriacontane (C34)

R.T.: 18.753 min
Delta R.T.: -0.013 min
Response: 391393
Conc: 3.26 ug/ml



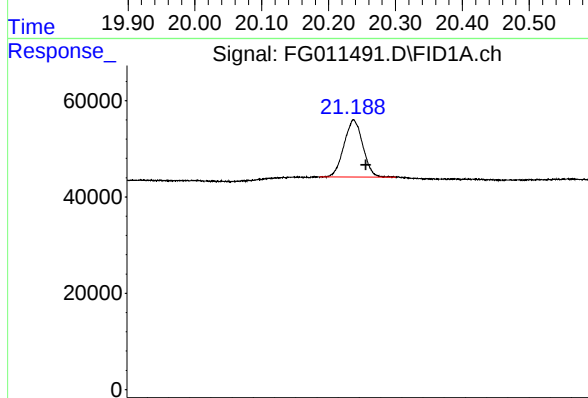
#20 n-Hexatriacontane (C36)

R.T.: 19.497 min
Delta R.T.: -0.011 min
Response: 325308
Conc: 3.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.248 min
Delta R.T.: -0.016 min
Response: 306700
Conc: 2.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.189 min
Delta R.T.: -0.024 min
Response: 294017
Conc: 2.75 ug/ml