

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121421AL\
 Data File : FG009241.D
 Signal(s) : FID1A.ch
 Acq On : 14 Dec 2021 18:10
 Operator : AJ\MA
 Sample : M5018-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 15 03:51:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 16:39:19 2021
 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)	10.756	6744903	44.532 ug/ml
Spiked Amount 50.000		Recovery =	89.06%
12) S 1-chlorooctadecane (S...	12.201	5616109	47.273 ug/ml
Spiked Amount 50.000		Recovery =	94.55%
Target Compounds			
5) T A~2-methylnaphthalene...	6.174f	1441835	11.520 ug/ml
6) T n-Tetradecane (C14)	7.401	64761	0.503 ug/ml
7) T n-Hexadecane (C16)	8.984	158350	1.204 ug/ml
8) T n-Octadecane (C18)	10.436	141365	1.023 ug/ml
10) T n-Eicosane (C20)	11.753	182713	1.313 ug/ml
11) T n-Heneicosane (C21)	12.360	370246	2.564 ug/ml
13) T n-Docosane (C22)	12.990	1003978	6.968 ug/ml
14) T n-Tetracosane (C24)	14.046	2165041	14.676 ug/ml
15) T n-Hexacosane (C26)	15.076	531909	3.604 ug/ml
16) T n-Octacosane (C28)	16.037	904981	6.124 ug/ml
17) T n-Tricontane (C30)	16.926	1803670	12.505 ug/ml
18) T n-Dotriacontane (C32)	17.780	412777	3.040 ug/ml
19) T n-Tetratriacontane (C34)	18.540	321595	2.505 ug/ml
20) T n-Hexatriacontane (C36)	19.268	55003	0.453 ug/ml
21) T n-Octatriacontane (C38)	19.990	80252	0.686 ug/ml
22) T n-Tetracontane (C40)	20.919f	20779	0.186 ug/ml

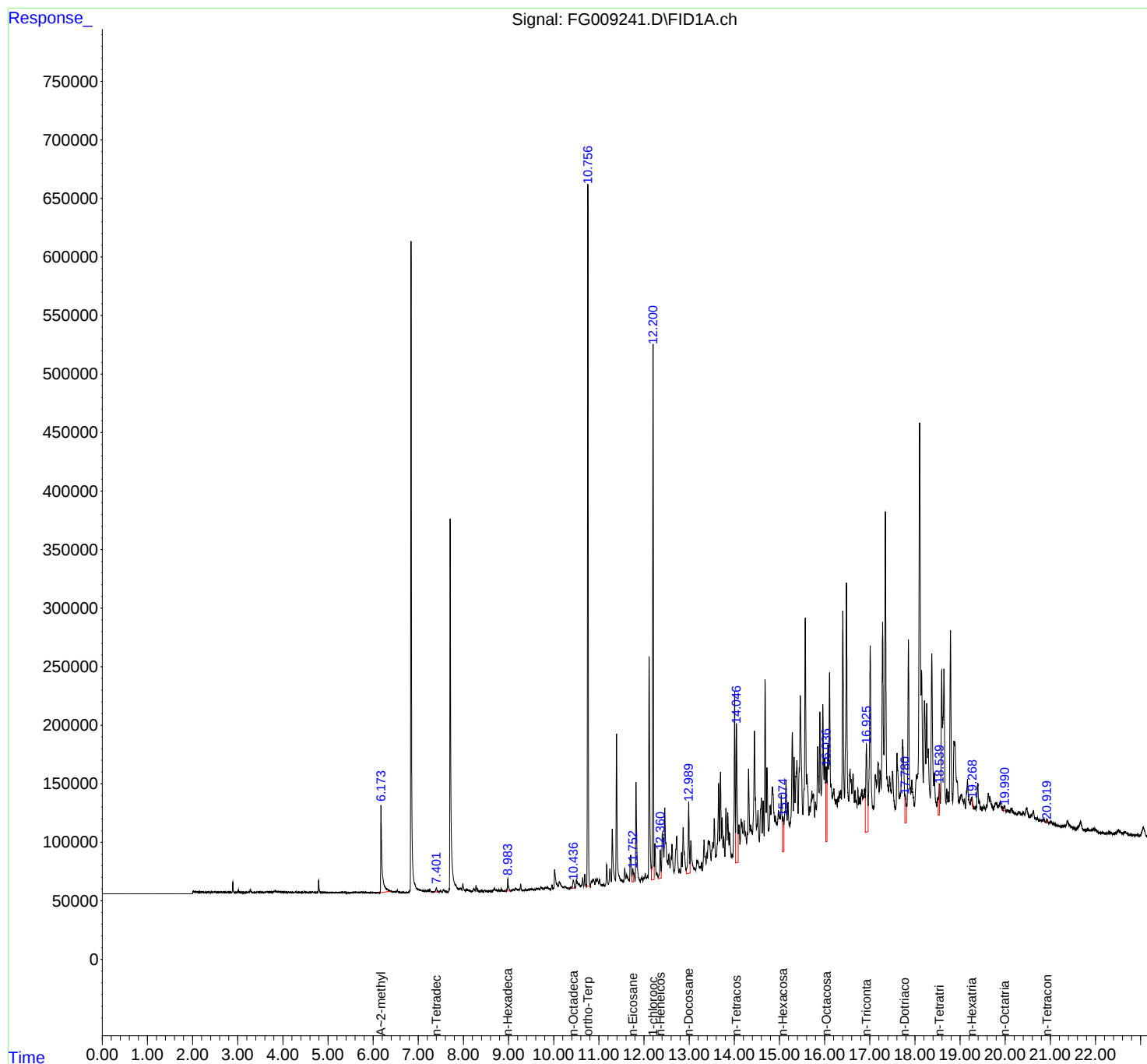
(f)=RT Delta > 1/2 Window

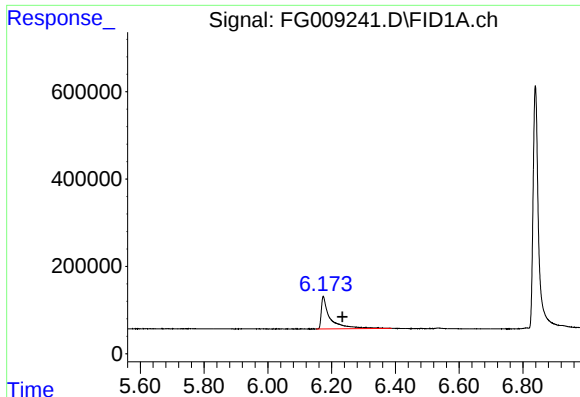
(m)=manual int.

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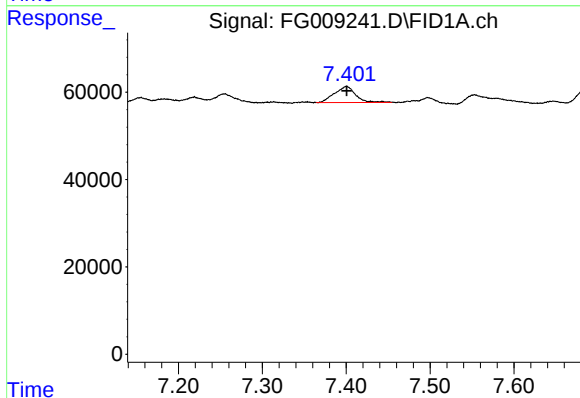
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





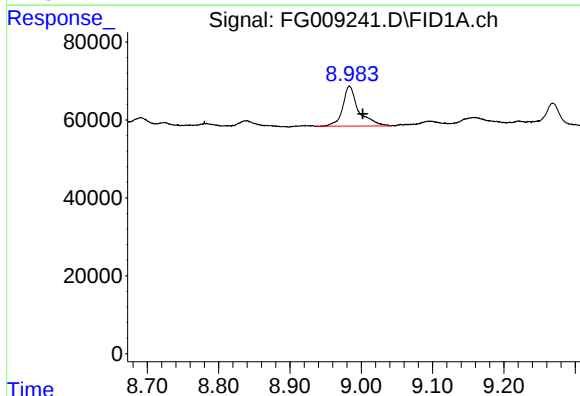
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.174 min
Delta R.T.: -0.060 min
Response: 1441835
Conc: 11.52 ug/ml



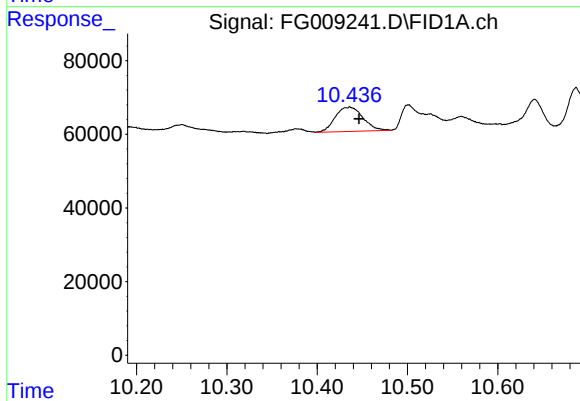
#6 n-Tetradecane (C14)

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 64761
Conc: 0.50 ug/ml



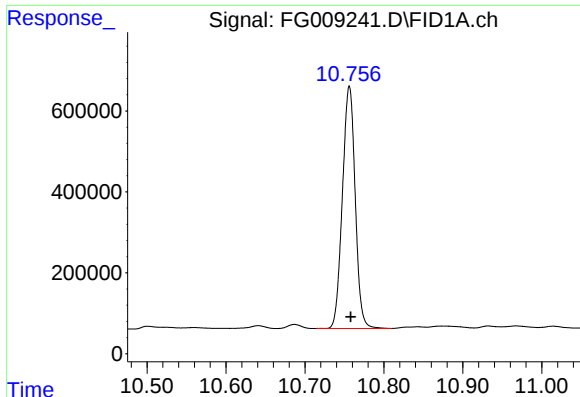
#7 n-Hexadecane (C16)

R.T.: 8.984 min
Delta R.T.: -0.019 min
Response: 158350
Conc: 1.20 ug/ml



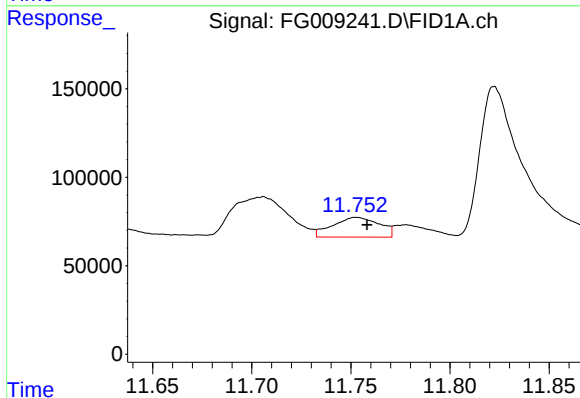
#8 n-Octadecane (C18)

R.T.: 10.436 min
Delta R.T.: -0.010 min
Response: 141365
Conc: 1.02 ug/ml



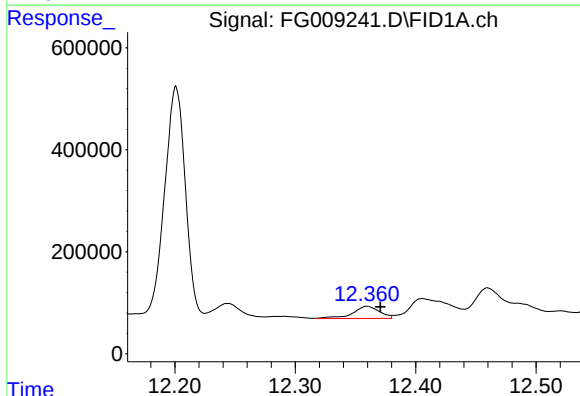
#9 ortho-Terphenyl (SURR)

R.T.: 10.756 min
Delta R.T.: -0.002 min
Response: 6744903
Conc: 44.53 ug/ml



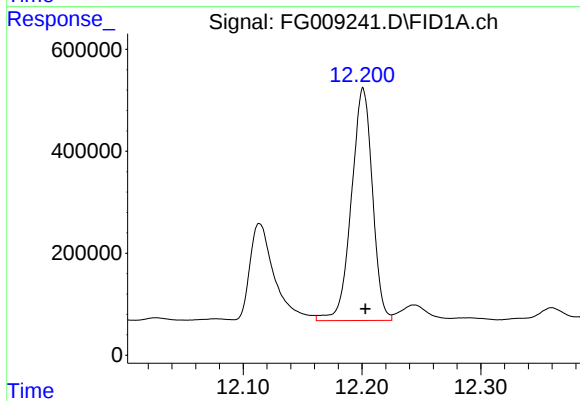
#10 n-Eicosane (C20)

R.T.: 11.753 min
Delta R.T.: -0.006 min
Response: 182713
Conc: 1.31 ug/ml



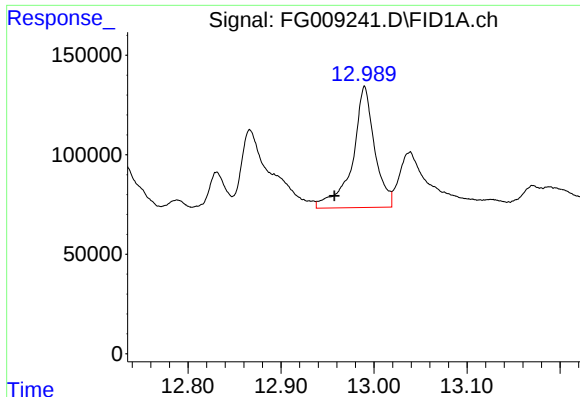
#11 n-Heneicosane (C21)

R.T.: 12.360 min
Delta R.T.: -0.011 min
Response: 370246
Conc: 2.56 ug/ml



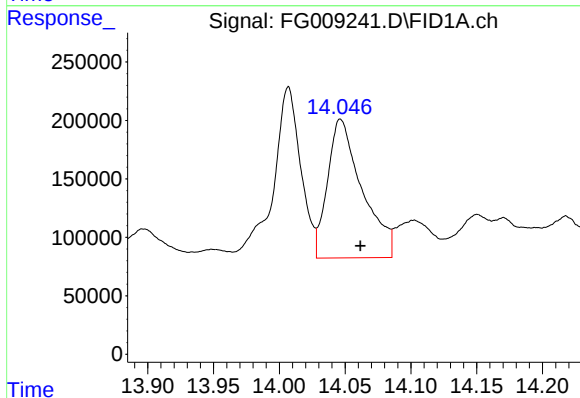
#12 1-chlorooctadecane (SURR)

R.T.: 12.201 min
Delta R.T.: -0.002 min
Response: 5616109
Conc: 47.27 ug/ml



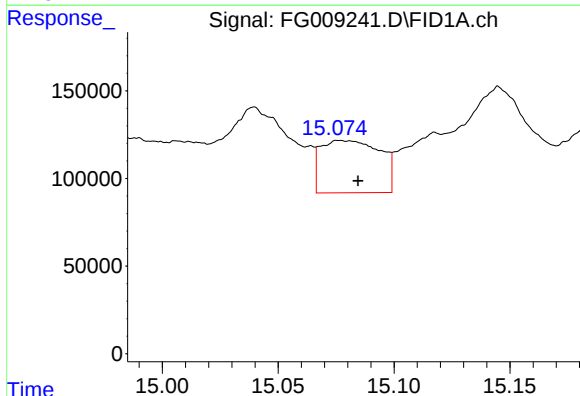
#13 n-Docosane (C22)

R.T.: 12.990 min
Delta R.T.: 0.032 min
Response: 1003978
Conc: 6.97 ug/ml



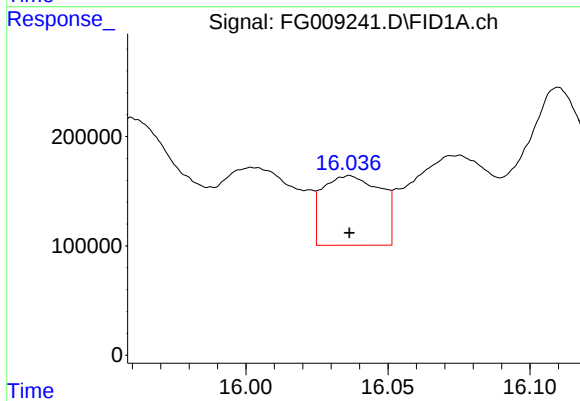
#14 n-Tetracosane (C24)

R.T.: 14.046 min
Delta R.T.: -0.015 min
Response: 2165041
Conc: 14.68 ug/ml



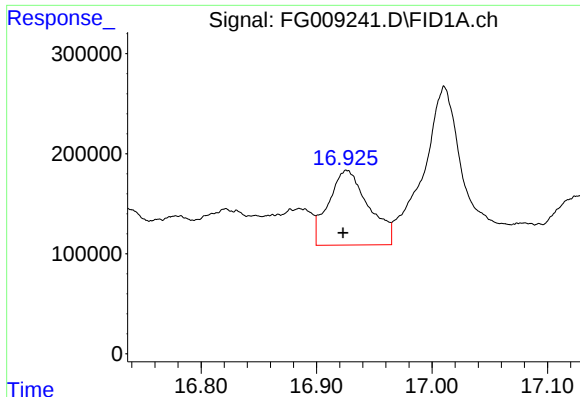
#15 n-Hexacosane (C26)

R.T.: 15.076 min
Delta R.T.: -0.009 min
Response: 531909
Conc: 3.60 ug/ml



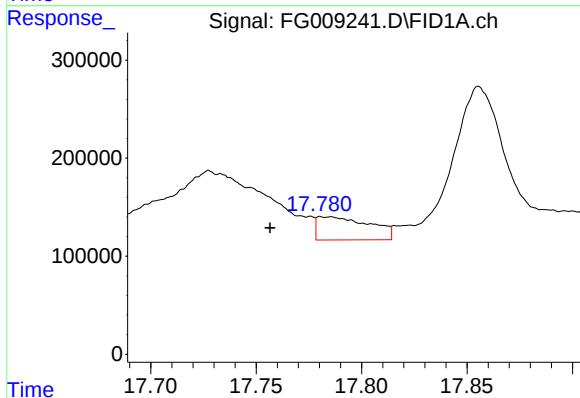
#16 n-Octacosane (C28)

R.T.: 16.037 min
Delta R.T.: 0.000 min
Response: 904981
Conc: 6.12 ug/ml



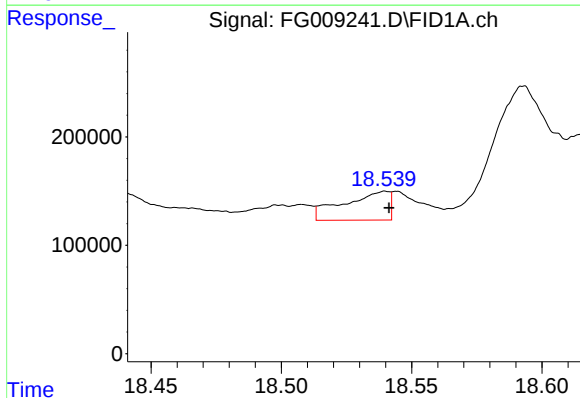
#17 n-Tricontane (C30)

R.T.: 16.926 min
Delta R.T.: 0.003 min
Response: 1803670
Conc: 12.51 ug/ml



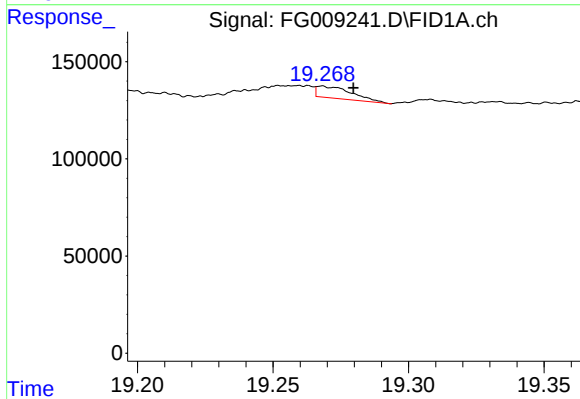
#18 n-Dotriacontane (C32)

R.T.: 17.780 min
Delta R.T.: 0.024 min
Response: 412777
Conc: 3.04 ug/ml



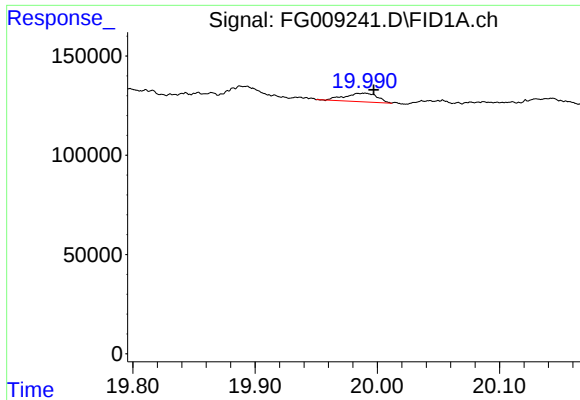
#19 n-Tetratriacontane (C34)

R.T.: 18.540 min
Delta R.T.: -0.001 min
Response: 321595
Conc: 2.51 ug/ml



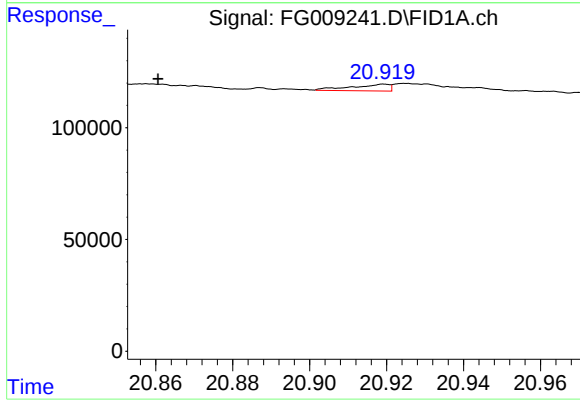
#20 n-Hexatriacontane (C36)

R.T.: 19.268 min
Delta R.T.: -0.012 min
Response: 55003
Conc: 0.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.990 min
Delta R.T.: -0.007 min
Response: 80252
Conc: 0.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.919 min
Delta R.T.: 0.059 min
Response: 20779
Conc: 0.19 ug/ml