

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041425AL\
 Data File : FC068598.D
 Signal(s) : FID1A.ch
 Acq On : 14 Apr 2025 18:54
 Operator : YP/AJ
 Sample : Q1792-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 01:18:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 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)	11.722	3431519	26.948 ug/ml
Spiked Amount 50.000		Recovery =	53.90%
12) S 1-chlorooctadecane (S...	13.156	2578375	27.756 ug/ml
Spiked Amount 50.000		Recovery =	55.51%
Target Compounds			
4) T n-Dodecane (C12)	6.549	48935	0.465 ug/ml
6) T n-Tetradecane (C14)	8.347	150789	1.467 ug/ml
7) T n-Hexadecane (C16)	9.951	234096	2.299 ug/ml
8) T n-Octadecane (C18)	11.395	265329	2.637 ug/ml
10) T n-Eicosane (C20)	12.706	237270	2.412 ug/ml
11) T n-Heneicosane (C21)	13.319	111030	1.139 ug/ml
13) T n-Docosane (C22)	13.906	100949	1.045 ug/ml
14) T n-Tetracosane (C24)	14.997	181434	1.906 ug/ml
15) T n-Hexacosane (C26)	16.036	58340	0.625 ug/ml
16) T n-Octacosane (C28)	16.993	138486	1.513 ug/ml
17) T n-Tricontane (C30)	17.881	214936	2.338 ug/ml
18) T n-Dotriacontane (C32)	18.715	167665	1.828 ug/ml
19) T n-Tetratriacontane (C34)	19.505	71795	0.804 ug/ml
20) T n-Hexatriacontane (C36)	20.252	350870	3.917 ug/ml
21) T n-Octatriacontane (C38)	21.024	513942	5.813 ug/ml
22) T n-Tetracontane (C40)	22.017	735796	8.332 ug/ml

(f)=RT Delta > 1/2 Window

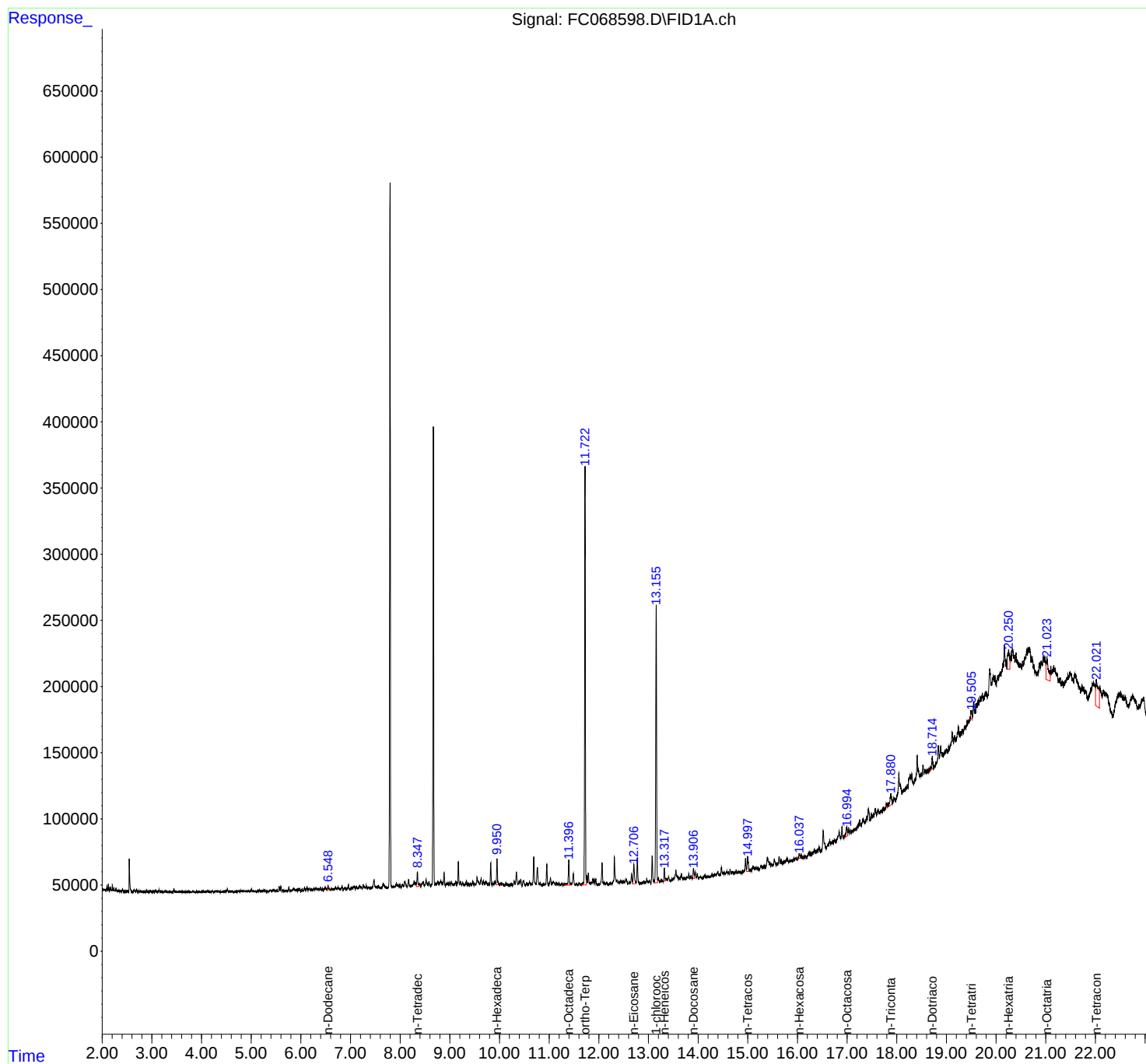
(m)=manual int.

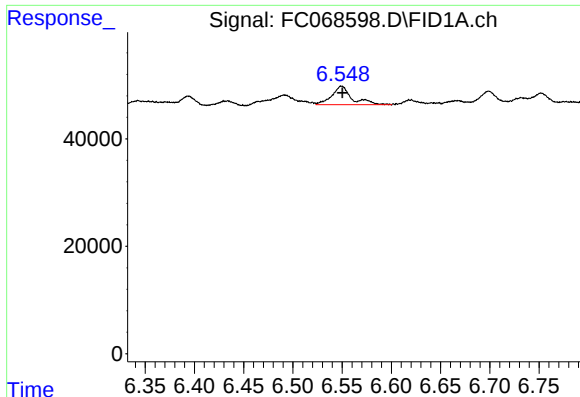
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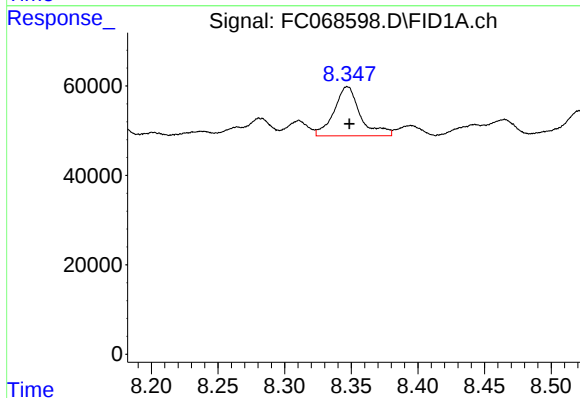




#4 n-Dodecane (C12)

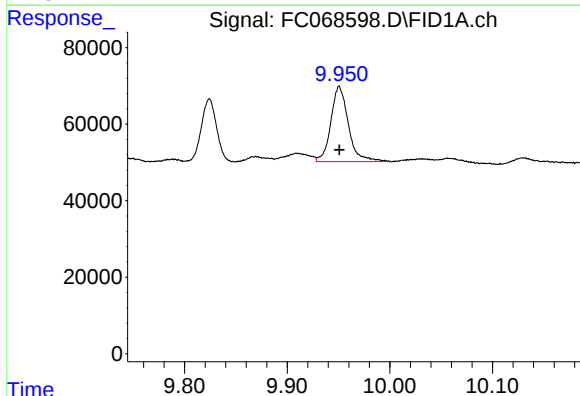
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 48935
Conc: 0.47 ug/ml

Instrument :
FID_C
ClientSampleId :



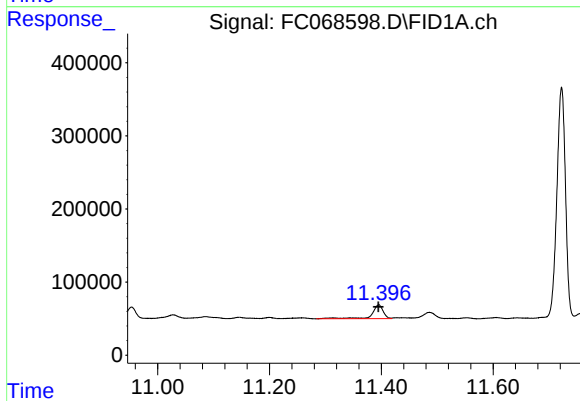
#6 n-Tetradecane (C14)

R.T.: 8.347 min
Delta R.T.: -0.002 min
Response: 150789
Conc: 1.47 ug/ml



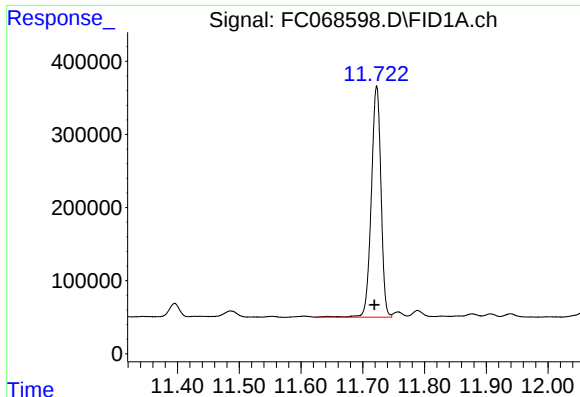
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.000 min
Response: 234096
Conc: 2.30 ug/ml



#8 n-Octadecane (C18)

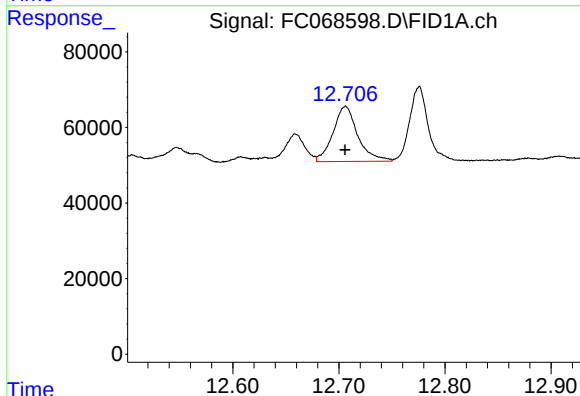
R.T.: 11.395 min
Delta R.T.: 0.000 min
Response: 265329
Conc: 2.64 ug/ml



#9 ortho-Terphenyl (SURR)

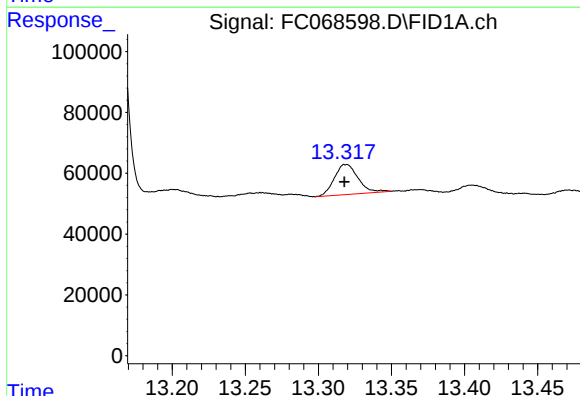
R.T.: 11.722 min
Delta R.T.: 0.004 min
Response: 3431519
Conc: 26.95 ug/ml

Instrument :
FID_C
ClientSampleId :



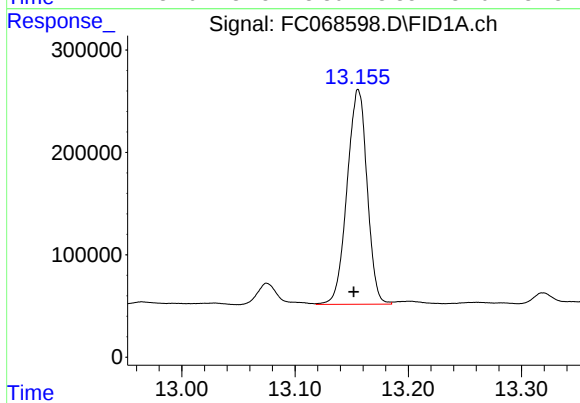
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 237270
Conc: 2.41 ug/ml



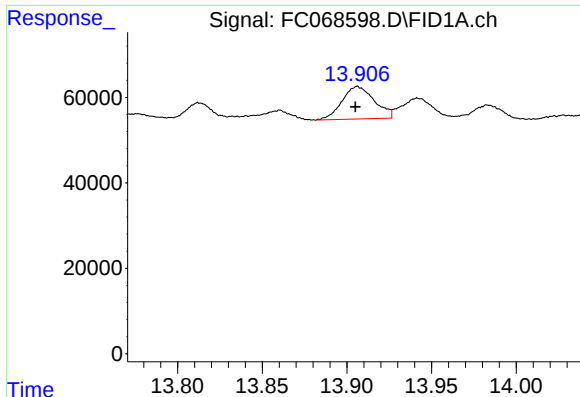
#11 n-Heneicosane (C21)

R.T.: 13.319 min
Delta R.T.: 0.001 min
Response: 111030
Conc: 1.14 ug/ml



#12 1-chlorooctadecane (SURR)

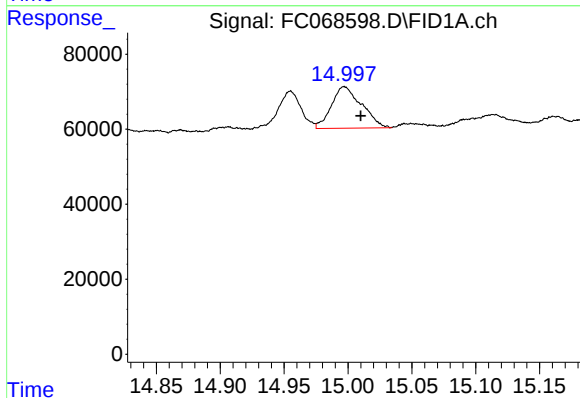
R.T.: 13.156 min
Delta R.T.: 0.004 min
Response: 2578375
Conc: 27.76 ug/ml



#13 n-Docosane (C22)

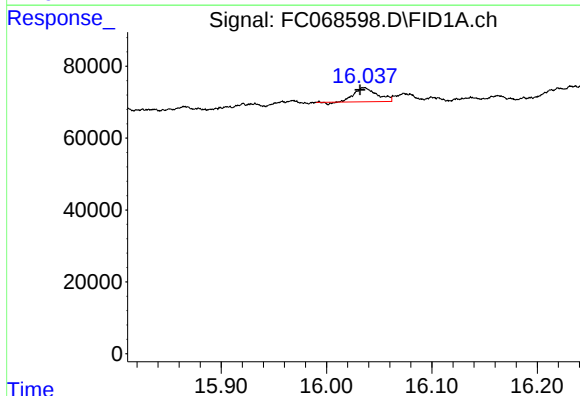
R.T.: 13.906 min
Delta R.T.: 0.001 min
Response: 100949
Conc: 1.05 ug/ml

Instrument :
FID_C
ClientSampleId :



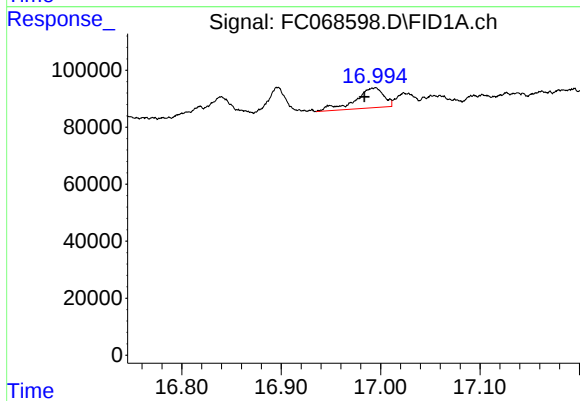
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.013 min
Response: 181434
Conc: 1.91 ug/ml



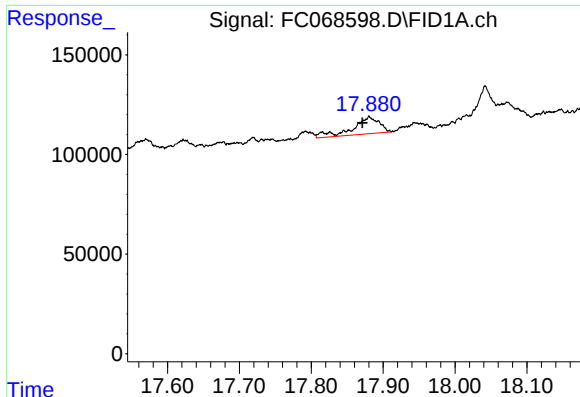
#15 n-Hexacosane (C26)

R.T.: 16.036 min
Delta R.T.: 0.004 min
Response: 58340
Conc: 0.62 ug/ml



#16 n-Octacosane (C28)

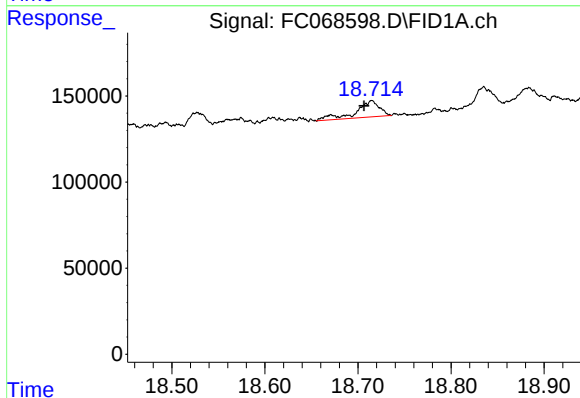
R.T.: 16.993 min
Delta R.T.: 0.010 min
Response: 138486
Conc: 1.51 ug/ml



#17 n-Tricontane (C30)

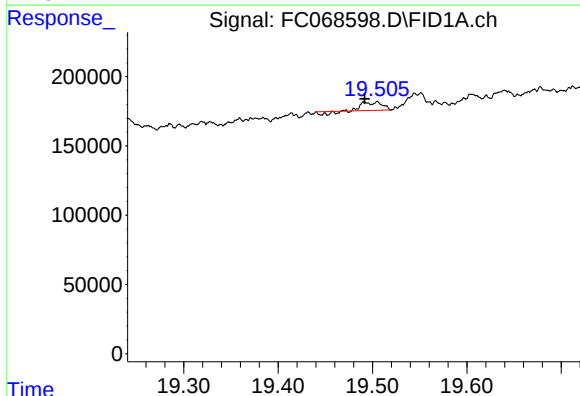
R.T.: 17.881 min
Delta R.T.: 0.010 min
Response: 214936
Conc: 2.34 ug/ml

Instrument :
FID_C
ClientSampleId :



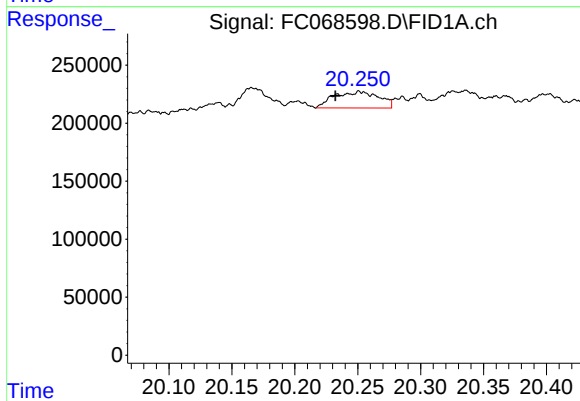
#18 n-Dotriacontane (C32)

R.T.: 18.715 min
Delta R.T.: 0.008 min
Response: 167665
Conc: 1.83 ug/ml



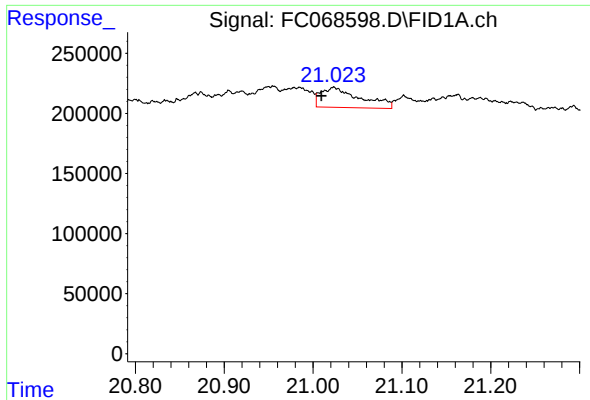
#19 n-Tetratriacontane (C34)

R.T.: 19.505 min
Delta R.T.: 0.013 min
Response: 71795
Conc: 0.80 ug/ml



#20 n-Hexatriacontane (C36)

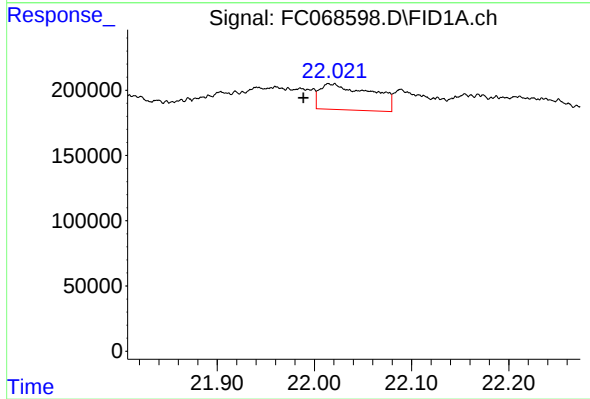
R.T.: 20.252 min
Delta R.T.: 0.020 min
Response: 350870
Conc: 3.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.024 min
Delta R.T.: 0.014 min
Response: 513942
Conc: 5.81 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.017 min
Delta R.T.: 0.028 min
Response: 735796
Conc: 8.33 ug/ml