

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100223AL\
 Data File : FC064703.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2023 01:22
 Operator : YP/AJ
 Sample : 04274-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 03 03:36:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.496	979994	4.843 ug/ml
Spiked Amount 50.000		Recovery =	9.69%
12) S 1-chlorooctadecane (S...	12.953	6413942	44.035 ug/ml
Spiked Amount 50.000		Recovery =	88.07%
Target Compounds			
4) T n-Dodecane (C12)	6.396	119590	0.658 ug/ml
5) T A~2-methylnaphthalene...	7.008	28428	0.159 ug/ml
6) T n-Tetradecane (C14)	8.183	62246	0.351 ug/ml
7) T n-Hexadecane (C16)	9.774	217639	1.211 ug/ml
8) T n-Octadecane (C18)	11.209	802007	4.430 ug/ml
10) T n-Eicosane (C20)	12.512	456437	2.680 ug/ml
11) T n-Heneicosane (C21)	13.122	206197	1.245 ug/ml
13) T n-Docosane (C22)	13.699	183674	1.127 ug/ml
14) T n-Tetracosane (C24)	14.801	40216	0.253 ug/ml
15) T n-Hexacosane (C26)	15.816	40569	0.266 ug/ml
16) T n-Octacosane (C28)	16.766	120753	0.816 ug/ml
17) T n-Tricontane (C30)	17.640	147559	0.993 ug/ml
18) T n-Dotriacontane (C32)	18.473	93968	0.644 ug/ml
19) T n-Tetratriacontane (C34)	19.255	153724	1.081 ug/ml
20) T n-Hexatriacontane (C36)	19.986	80573	0.585 ug/ml
21) T n-Octatriacontane (C38)	20.708	64002	0.467 ug/ml
22) T n-Tetracontane (C40)	21.587	113244	0.833 ug/ml

(f)=RT Delta > 1/2 Window

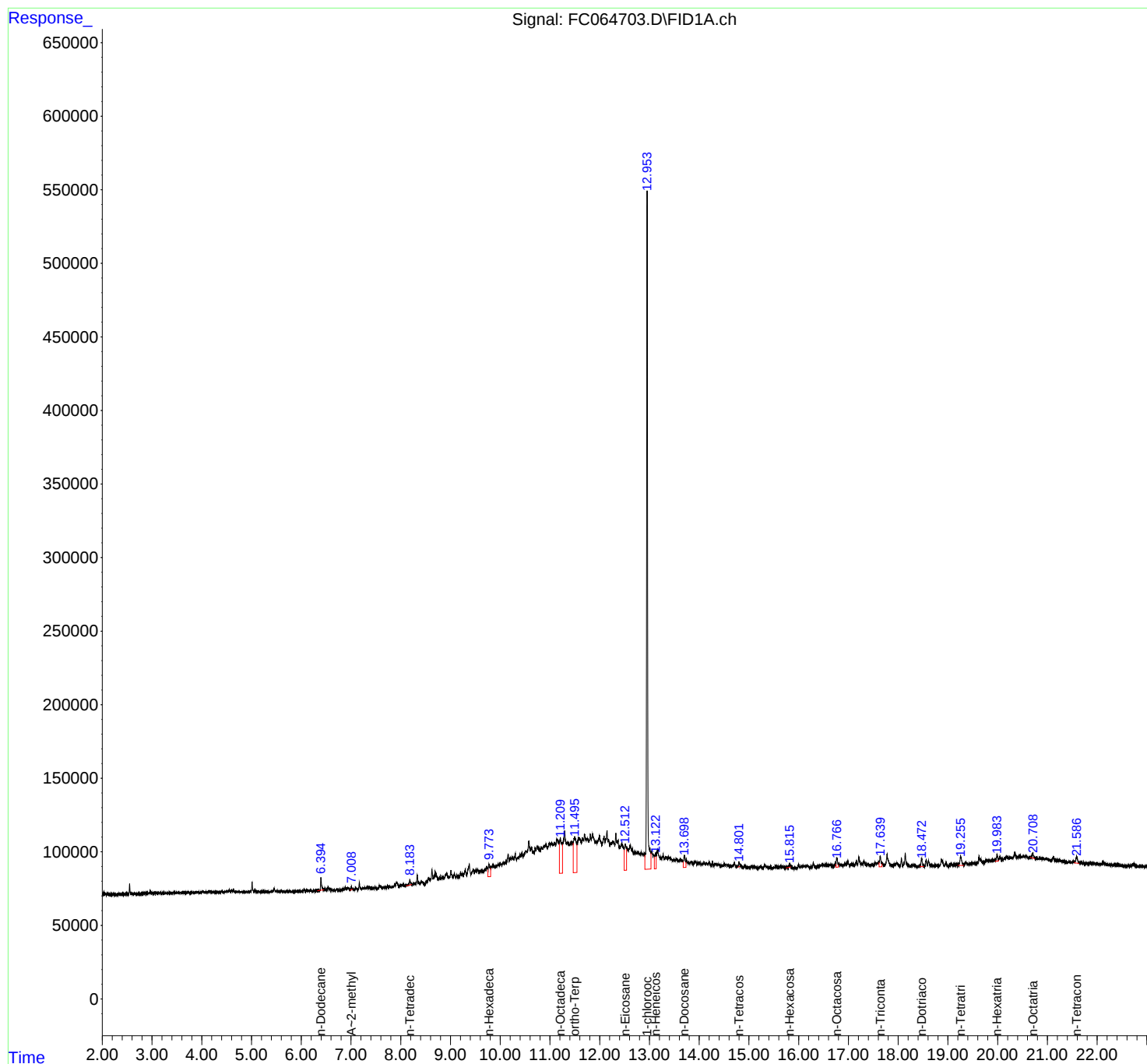
(m)=manual int.

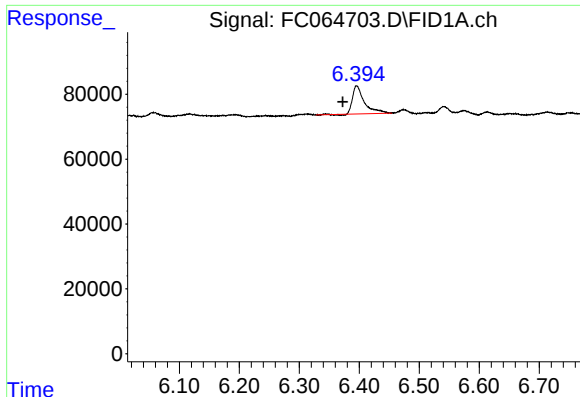
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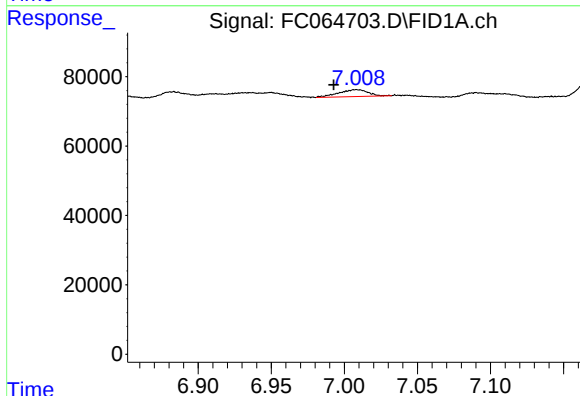




#4 n-Dodecane (C12)

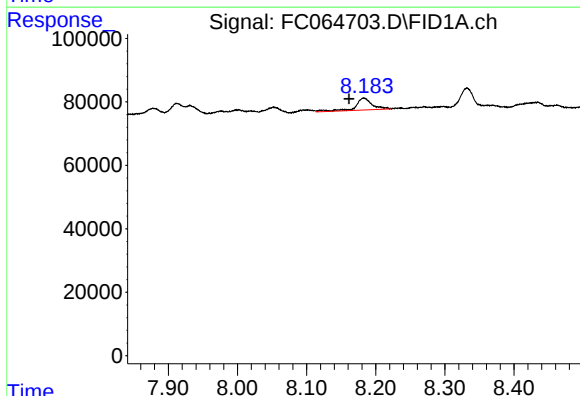
R.T.: 6.396 min
Delta R.T.: 0.023 min
Response: 119590
Conc: 0.66 ug/ml

Instrument :
FID_C
ClientSampleId :



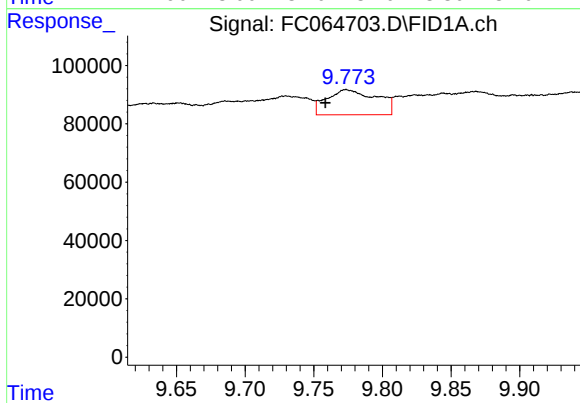
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: 0.016 min
Response: 28428
Conc: 0.16 ug/ml



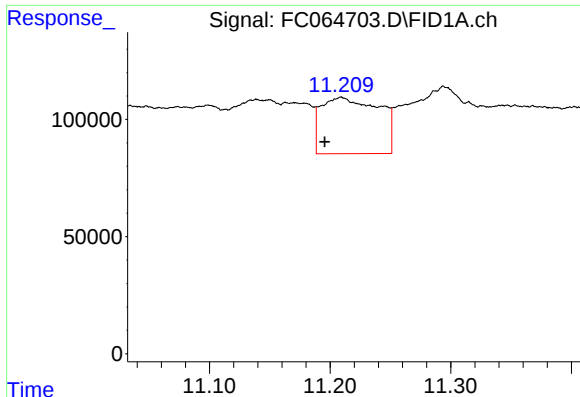
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.022 min
Response: 62246
Conc: 0.35 ug/ml



#7 n-Hexadecane (C16)

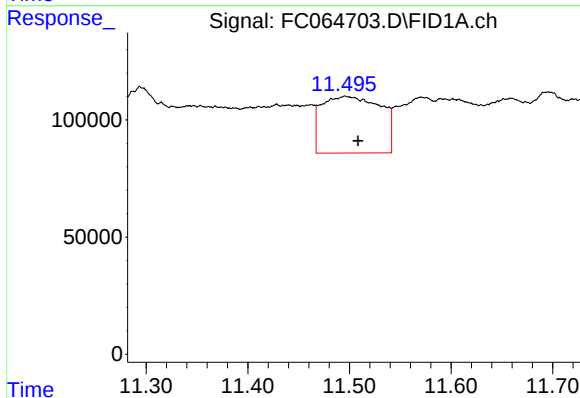
R.T.: 9.774 min
Delta R.T.: 0.015 min
Response: 217639
Conc: 1.21 ug/ml



#8 n-Octadecane (C18)

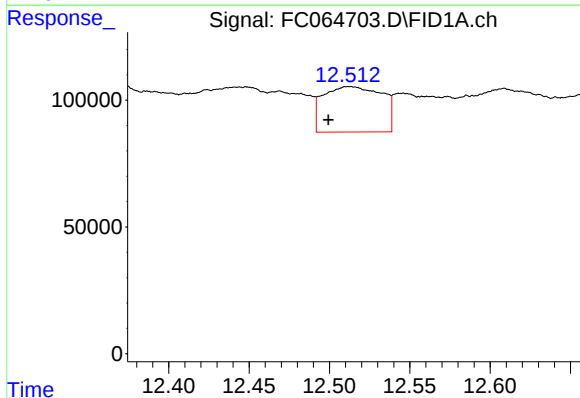
R.T.: 11.209 min
Delta R.T.: 0.014 min
Response: 802007
Conc: 4.43 ug/ml

Instrument :
FID_C
ClientSampleId :



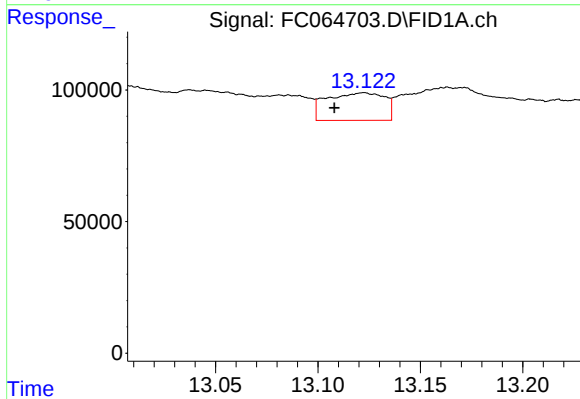
#9 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: -0.012 min
Response: 979994
Conc: 4.84 ug/ml



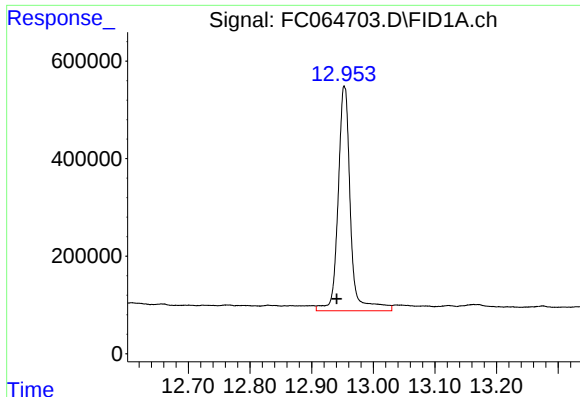
#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: 0.013 min
Response: 456437
Conc: 2.68 ug/ml



#11 n-Heneicosane (C21)

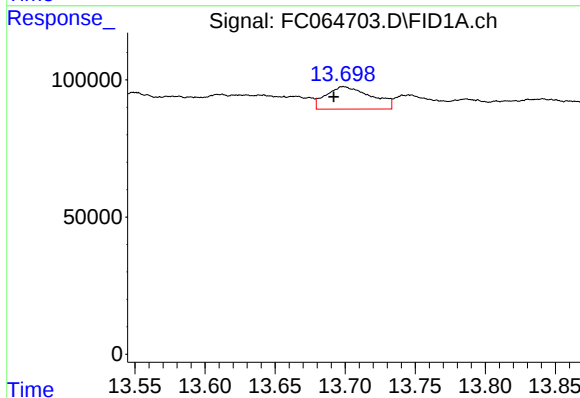
R.T.: 13.122 min
Delta R.T.: 0.014 min
Response: 206197
Conc: 1.24 ug/ml



#12 1-chlorooctadecane (SURR)

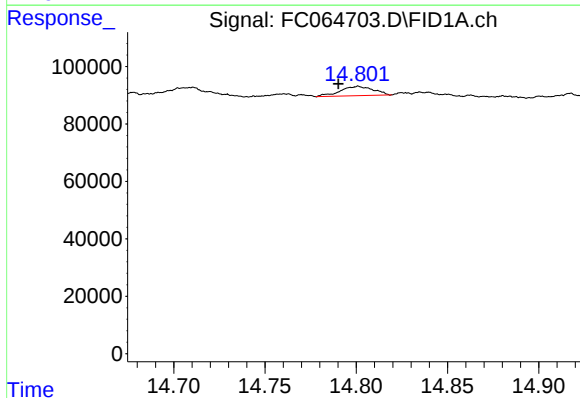
R.T.: 12.953 min
Delta R.T.: 0.013 min
Response: 6413942
Conc: 44.03 ug/ml

Instrument :
FID_C
ClientSampleId :



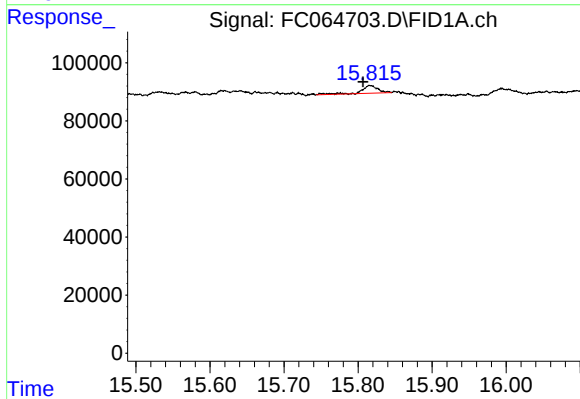
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: 0.007 min
Response: 183674
Conc: 1.13 ug/ml



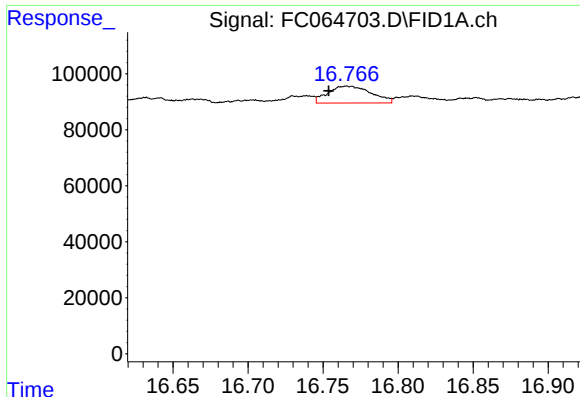
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.011 min
Response: 40216
Conc: 0.25 ug/ml



#15 n-Hexacosane (C26)

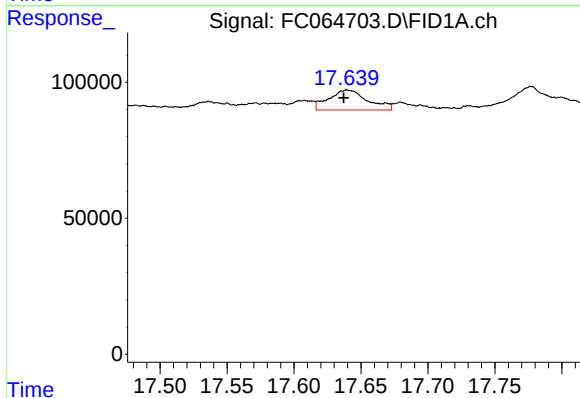
R.T.: 15.816 min
Delta R.T.: 0.009 min
Response: 40569
Conc: 0.27 ug/ml



#16 n-Octacosane (C28)

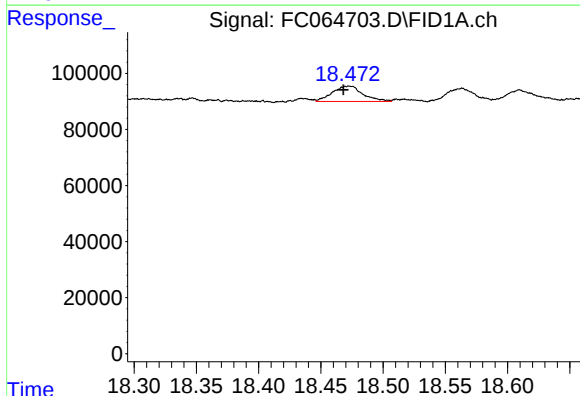
R.T.: 16.766 min
Delta R.T.: 0.012 min
Response: 120753
Conc: 0.82 ug/ml

Instrument :
FID_C
ClientSampleId :



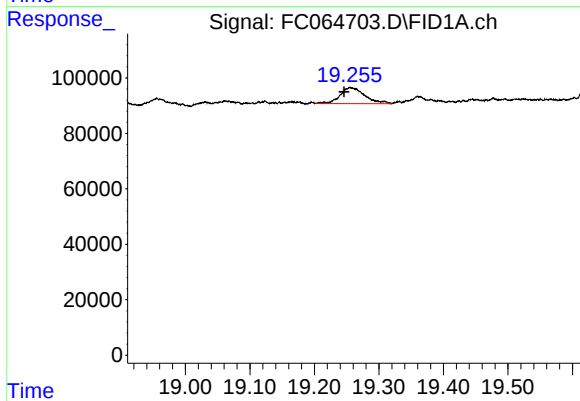
#17 n-Tricontane (C30)

R.T.: 17.640 min
Delta R.T.: 0.003 min
Response: 147559
Conc: 0.99 ug/ml



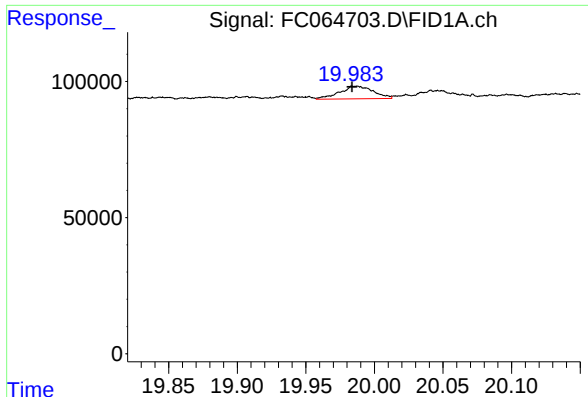
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.004 min
Response: 93968
Conc: 0.64 ug/ml



#19 n-Tetratriacontane (C34)

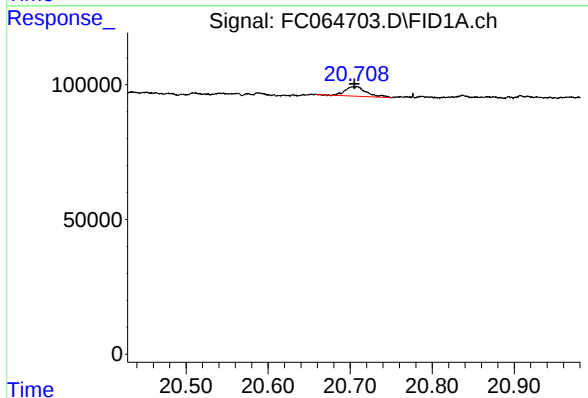
R.T.: 19.255 min
Delta R.T.: 0.010 min
Response: 153724
Conc: 1.08 ug/ml



#20 n-Hexatriacontane (C36)

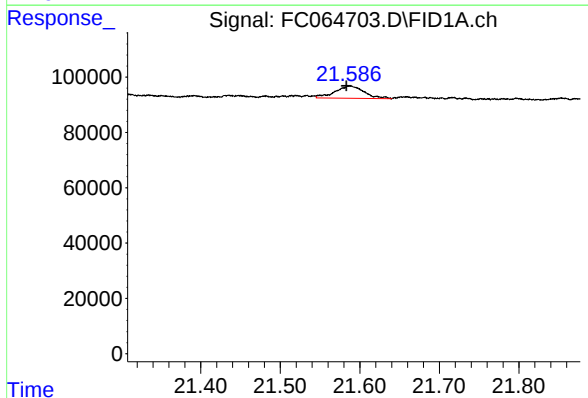
R.T.: 19.986 min
Delta R.T.: 0.002 min
Response: 80573
Conc: 0.58 ug/ml

Instrument :
FID_C
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: 0.003 min
Response: 64002
Conc: 0.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.587 min
Delta R.T.: 0.004 min
Response: 113244
Conc: 0.83 ug/ml