

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083123AL\
 Data File : FC064461.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2023 12:25
 Operator : YP/AJ
 Sample : 04224-02DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 31 12:59:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.509	1226365	5.777 ug/ml
Spiked Amount 50.000		Recovery =	11.55%
12) S 1-chlorooctadecane (S...	12.946	934891	6.132 ug/ml
Spiked Amount 50.000		Recovery =	12.26%
Target Compounds			
1) T n-Nonane (C9)	3.270	25423	0.144 ug/ml
6) T n-Tetradecane (C14)	8.165	28433	0.163 ug/ml
7) T n-Hexadecane (C16)	9.760	45235	0.262 ug/ml
8) T n-Octadecane (C18)	11.197	48507	0.277 ug/ml
10) T n-Eicosane (C20)	12.502	50461	0.298 ug/ml
11) T n-Heneicosane (C21)	13.112	19923	0.119 ug/ml
13) T n-Docosane (C22)	13.696	17903	0.110 ug/ml
14) T n-Tetracosane (C24)	14.797	53313	0.335 ug/ml
15) T n-Hexacosane (C26)	15.814	21586	0.140 ug/ml
16) T n-Octacosane (C28)	16.763	58621	0.396 ug/ml
17) T n-Tricontane (C30)	17.643	111729	0.765 ug/ml
18) T n-Dotriacontane (C32)	18.469	146050	1.034 ug/ml
19) T n-Tetratriacontane (C34)	19.255	111799	0.837 ug/ml
20) T n-Hexatriacontane (C36)	20.000	250306	1.956 ug/ml
21) T n-Octatriacontane (C38)	20.668	492266	4.009 ug/ml
22) T n-Tetracontane (C40)	21.590	161917	1.394 ug/ml

(f)=RT Delta > 1/2 Window

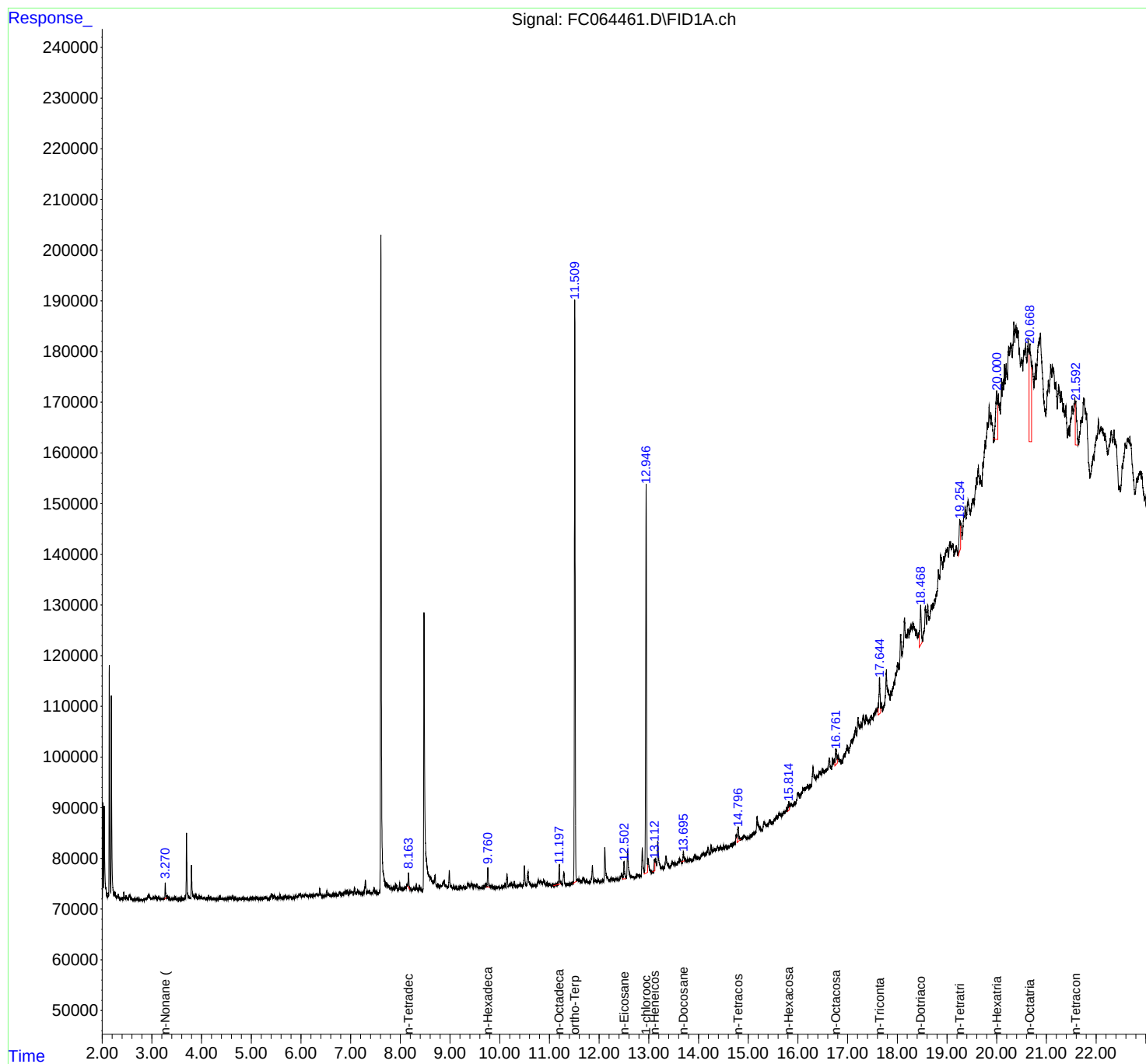
(m)=manual int.

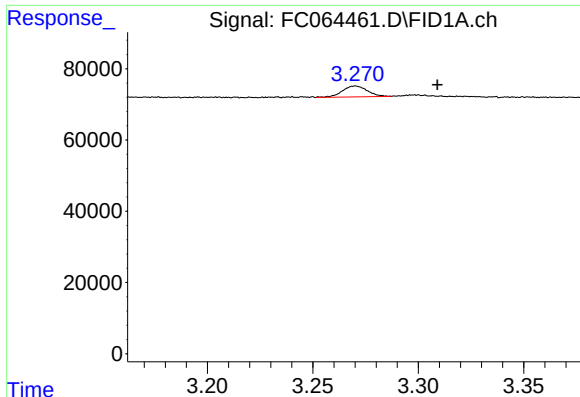
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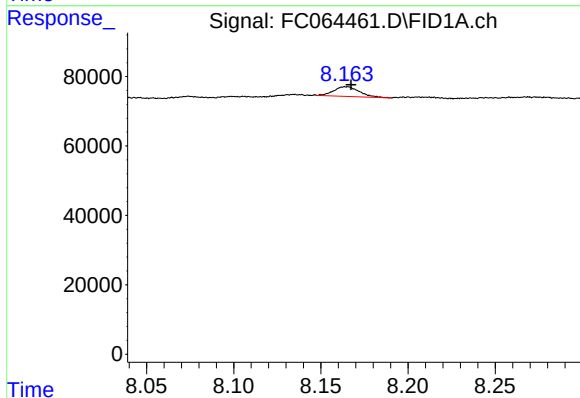




#1 n-Nonane (C9)

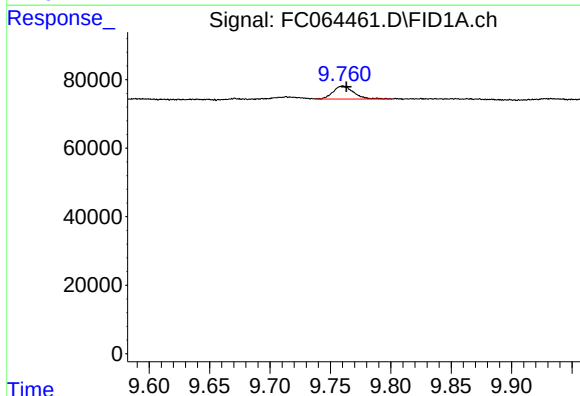
R.T.: 3.270 min
Delta R.T.: -0.039 min
Response: 25423
Conc: 0.14 ug/ml

Instrument :
FID_C
ClientSampleId :



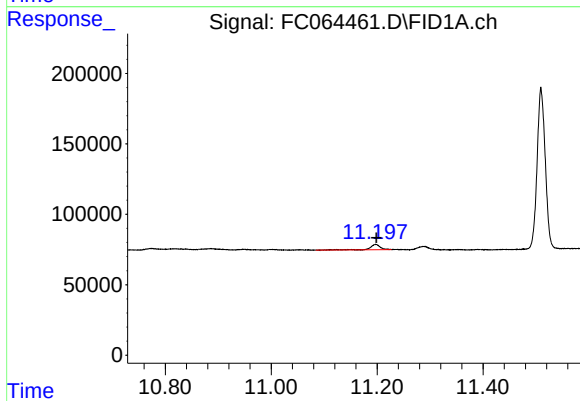
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.003 min
Response: 28433
Conc: 0.16 ug/ml



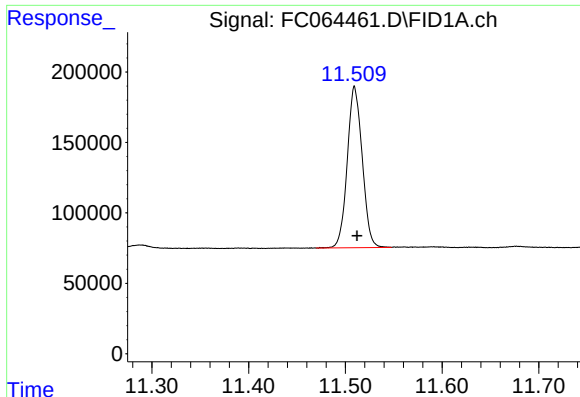
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.003 min
Response: 45235
Conc: 0.26 ug/ml



#8 n-Octadecane (C18)

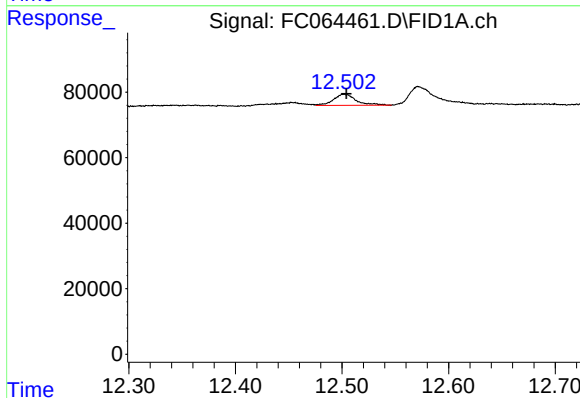
R.T.: 11.197 min
Delta R.T.: -0.001 min
Response: 48507
Conc: 0.28 ug/ml



#9 ortho-Terphenyl (SURR)

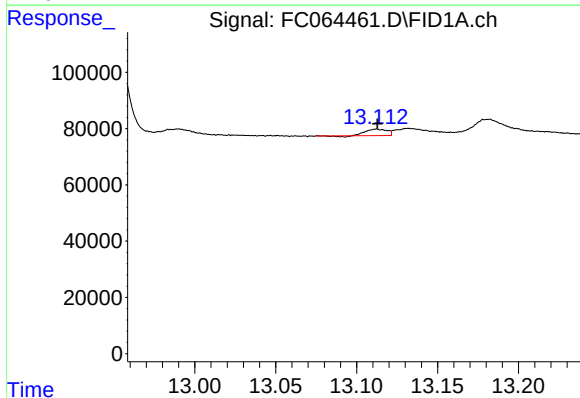
R.T.: 11.509 min
Delta R.T.: -0.003 min
Response: 1226365
Conc: 5.78 ug/ml

Instrument :
FID_C
ClientSampleId :



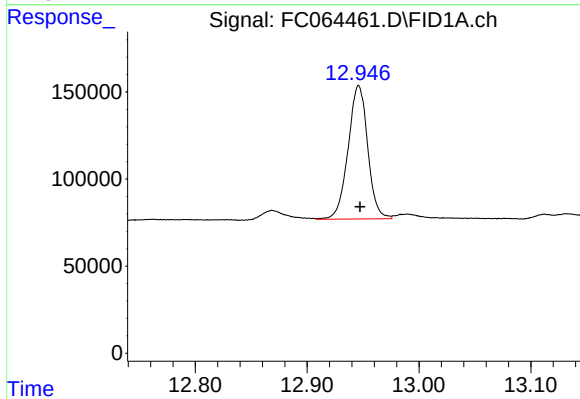
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: -0.002 min
Response: 50461
Conc: 0.30 ug/ml



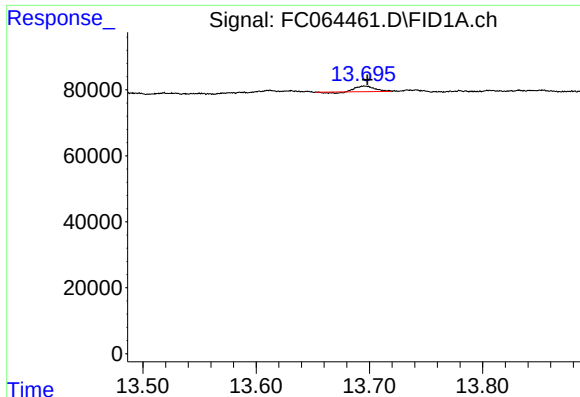
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 19923
Conc: 0.12 ug/ml



#12 1-chlorooctadecane (SURR)

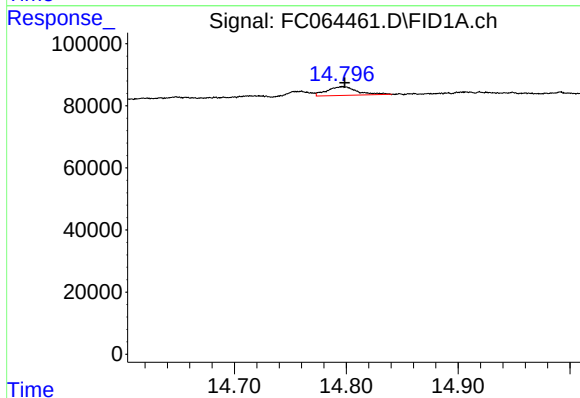
R.T.: 12.946 min
Delta R.T.: -0.001 min
Response: 934891
Conc: 6.13 ug/ml



#13 n-Docosane (C22)

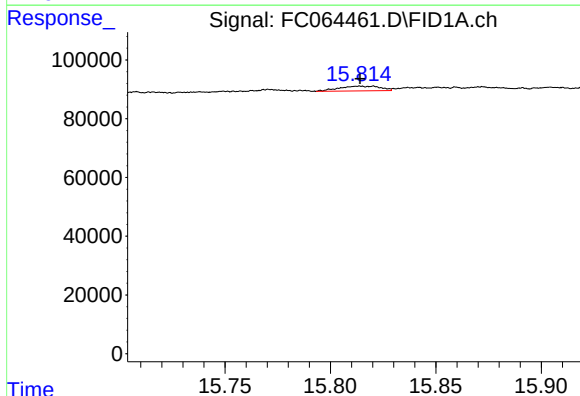
R.T.: 13.696 min
Delta R.T.: -0.003 min
Response: 17903
Conc: 0.11 ug/ml

Instrument :
FID_C
ClientSampleId :



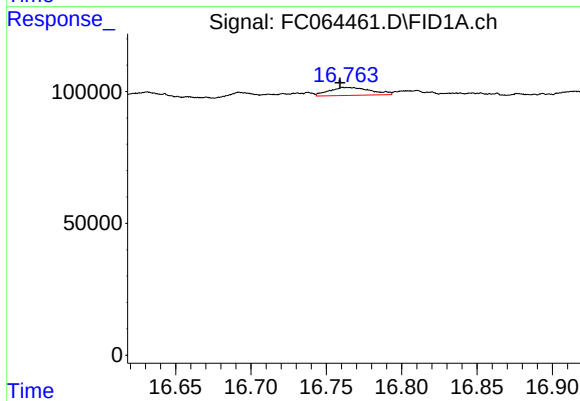
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.002 min
Response: 53313
Conc: 0.33 ug/ml



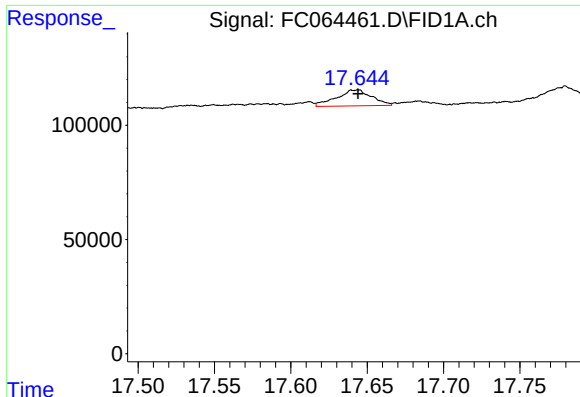
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.000 min
Response: 21586
Conc: 0.14 ug/ml



#16 n-Octacosane (C28)

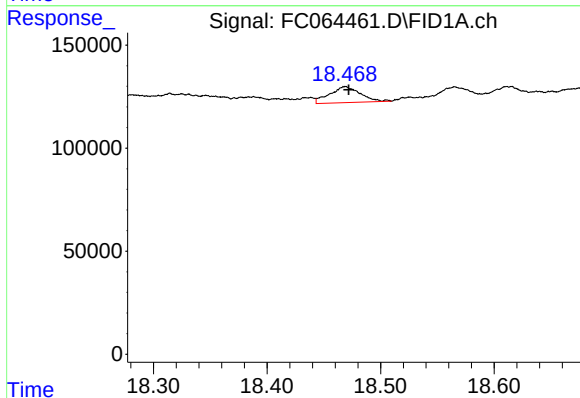
R.T.: 16.763 min
Delta R.T.: 0.004 min
Response: 58621
Conc: 0.40 ug/ml



#17 n-Tricontane (C30)

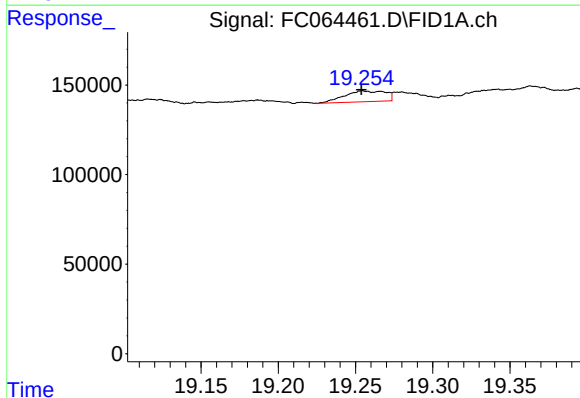
R.T.: 17.643 min
Delta R.T.: 0.000 min
Response: 111729
Conc: 0.76 ug/ml

Instrument :
FID_C
ClientSampleId :



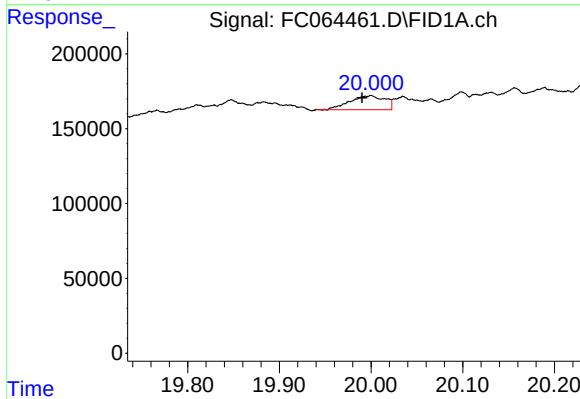
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.003 min
Response: 146050
Conc: 1.03 ug/ml



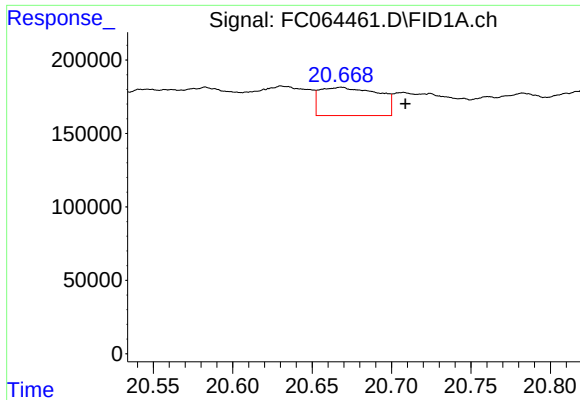
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: 0.000 min
Response: 111799
Conc: 0.84 ug/ml



#20 n-Hexatriacontane (C36)

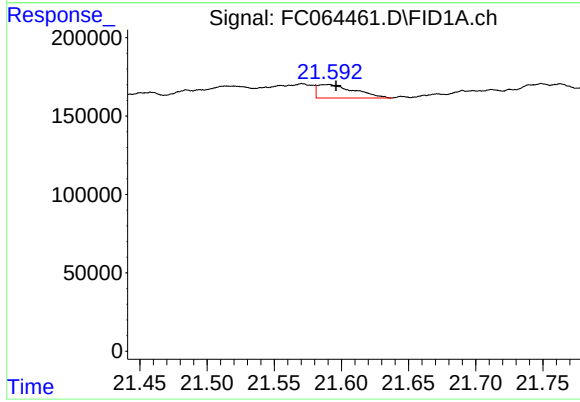
R.T.: 20.000 min
Delta R.T.: 0.010 min
Response: 250306
Conc: 1.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.668 min
Delta R.T.: -0.040 min
Response: 492266
Conc: 4.01 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: -0.005 min
Response: 161917
Conc: 1.39 ug/ml