

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083123AL\
 Data File : FC064469.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2023 19:08
 Operator : YP/AJ
 Sample : 04170-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 01 00:18:08 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			
12) S 1-chlorooctadecane (S...	12.946	5005553	32.829 ug/ml
Spiked Amount 50.000		Recovery =	65.66%
Target Compounds			
4) T n-Dodecane (C12)	6.376	94504	0.530 ug/ml
6) T n-Tetradecane (C14)	8.166	63144	0.362 ug/ml
7) T n-Hexadecane (C16)	9.761	35401	0.205 ug/ml
8) T n-Octadecane (C18)	11.199	38229	0.218 ug/ml
10) T n-Eicosane (C20)	12.501	35220	0.208 ug/ml
11) T n-Heneicosane (C21)	13.112	20815	0.125 ug/ml
13) T n-Docosane (C22)	13.695	28708	0.176 ug/ml
14) T n-Tetracosane (C24)	14.794	31393	0.197 ug/ml
15) T n-Hexacosane (C26)	15.813	32222	0.209 ug/ml
16) T n-Octacosane (C28)	16.763	36659	0.248 ug/ml
17) T n-Tricontane (C30)	17.641	66016	0.452 ug/ml
18) T n-Dotriacontane (C32)	18.471	153154	1.084 ug/ml
19) T n-Tetratriacontane (C34)	19.252	253817	1.900 ug/ml
20) T n-Hexatriacontane (C36)	19.989	152310	1.190 ug/ml
21) T n-Octatriacontane (C38)	20.710	106491	0.867 ug/ml
22) T n-Tetracontane (C40)	21.592	140058	1.206 ug/ml

(f)=RT Delta > 1/2 Window

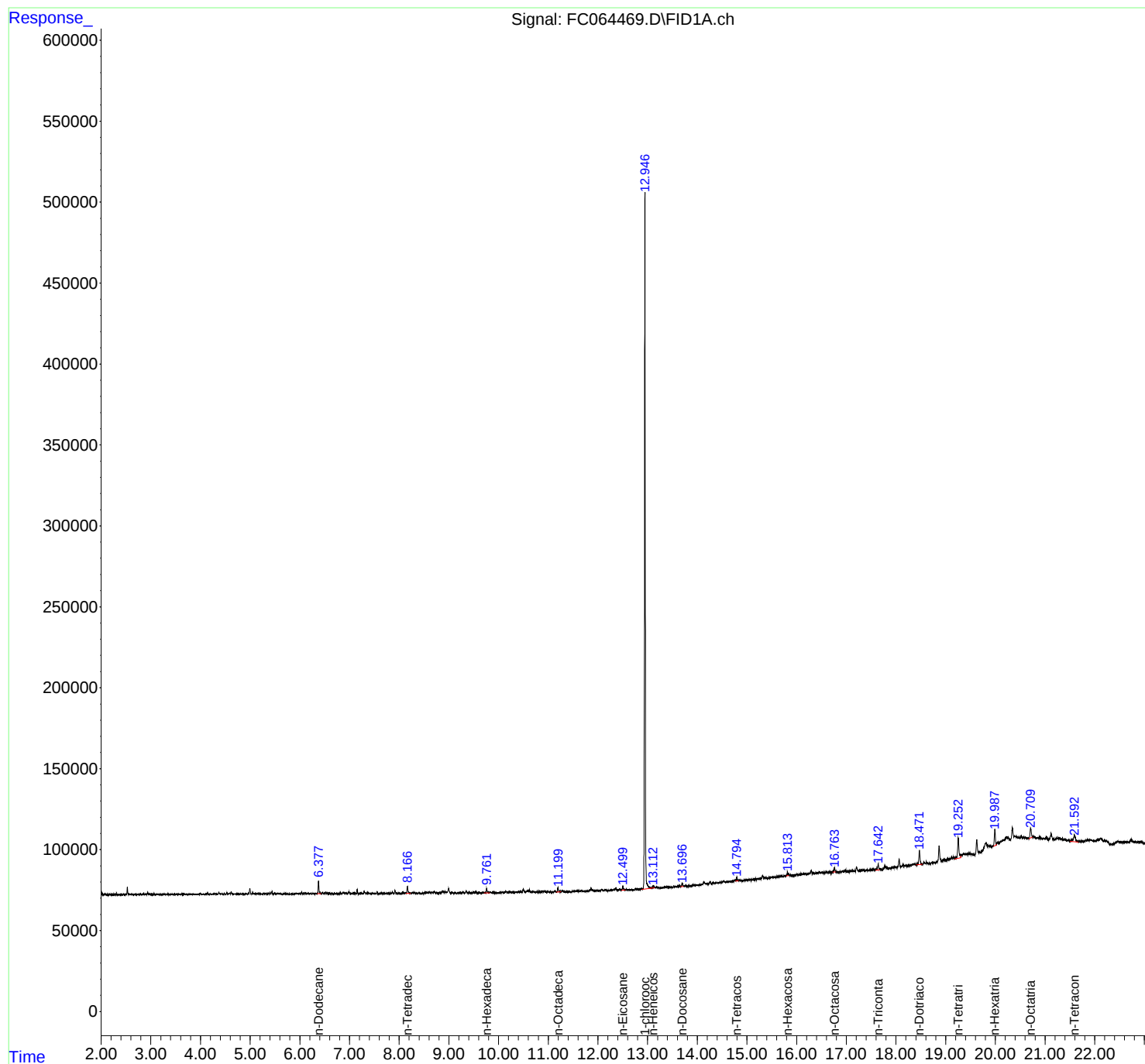
(m)=manual int.

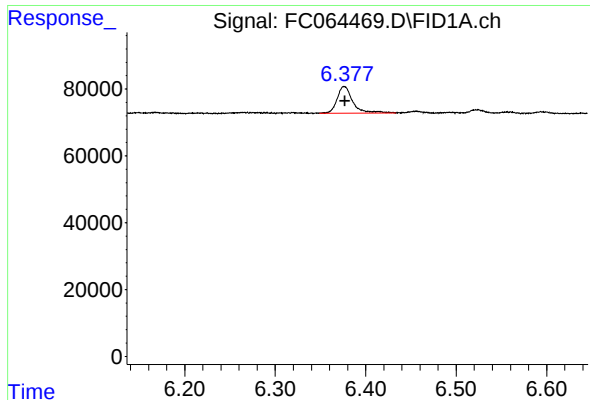
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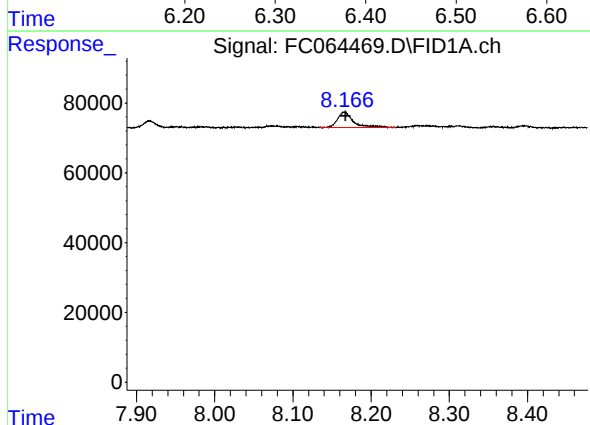




#4 n-Dodecane (C12)

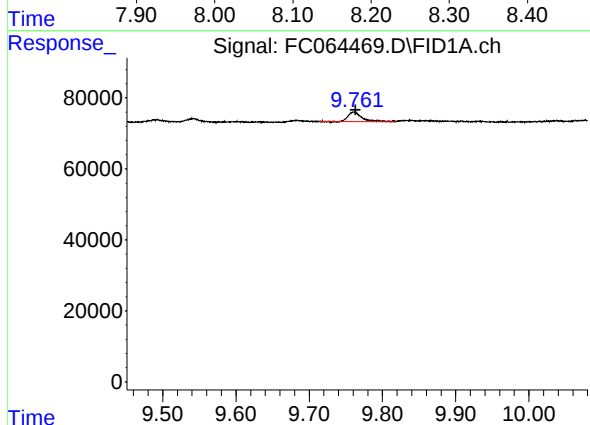
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 94504
Conc: 0.53 ug/ml

Instrument :
FID_C
ClientSampleId :



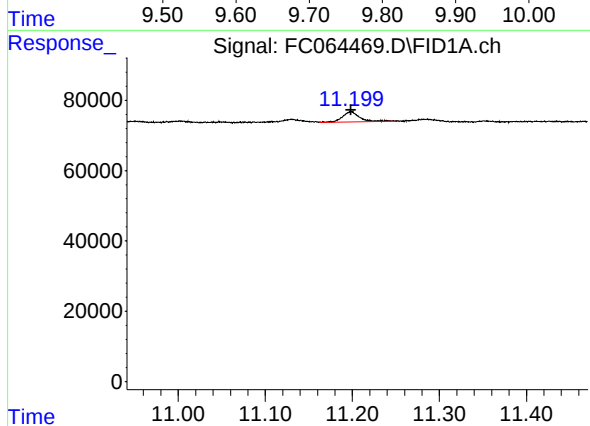
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.001 min
Response: 63144
Conc: 0.36 ug/ml



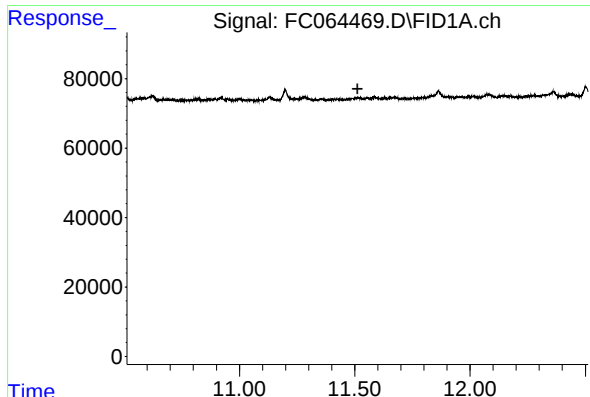
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.002 min
Response: 35401
Conc: 0.20 ug/ml



#8 n-Octadecane (C18)

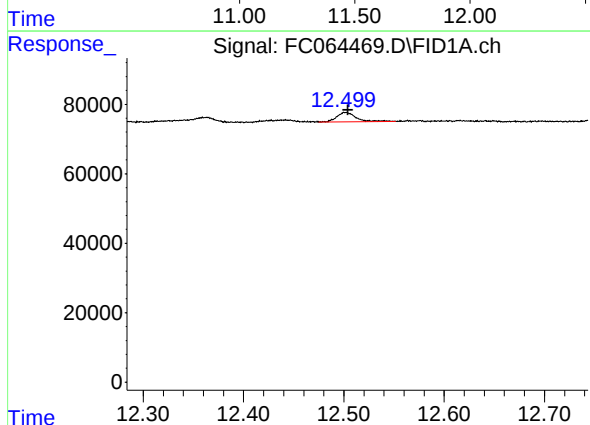
R.T.: 11.199 min
Delta R.T.: 0.000 min
Response: 38229
Conc: 0.22 ug/ml



#9 ortho-Terphenyl (SURR)

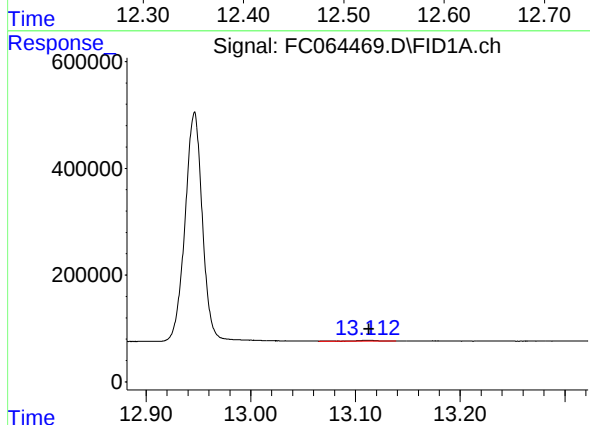
R.T.: 0.000 min
Exp R.T.: 11.512 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :



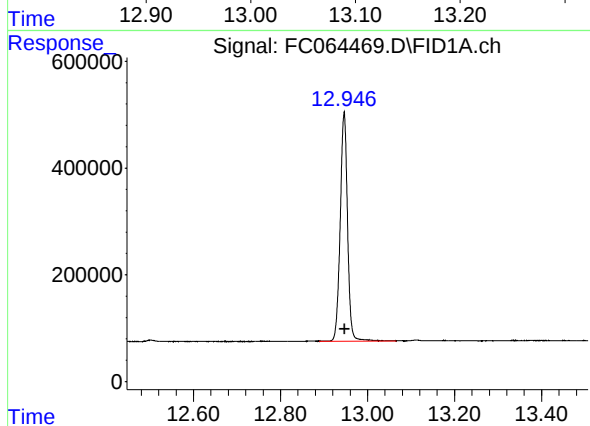
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: -0.003 min
Response: 35220
Conc: 0.21 ug/ml



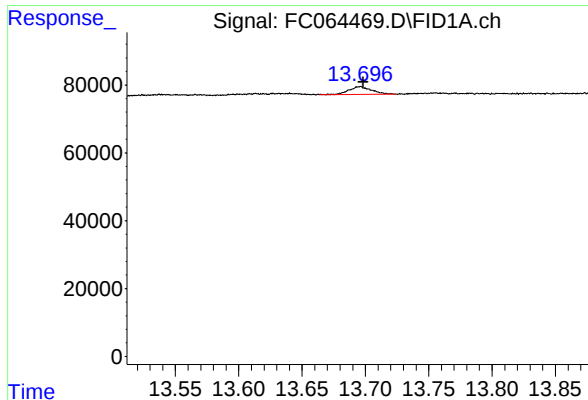
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: -0.001 min
Response: 20815
Conc: 0.12 ug/ml



#12 1-chlorooctadecane (SURR)

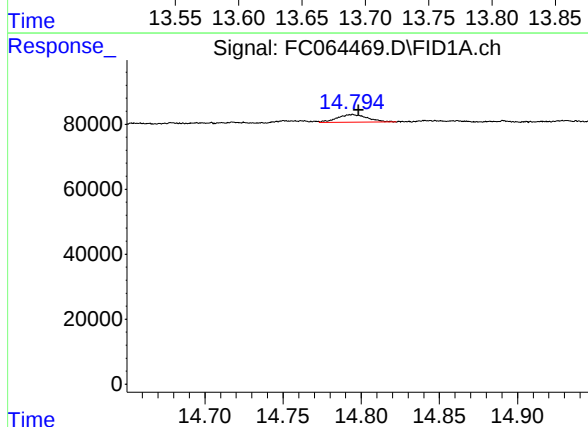
R.T.: 12.946 min
Delta R.T.: -0.001 min
Response: 500553
Conc: 32.83 ug/ml



#13 n-Docosane (C22)

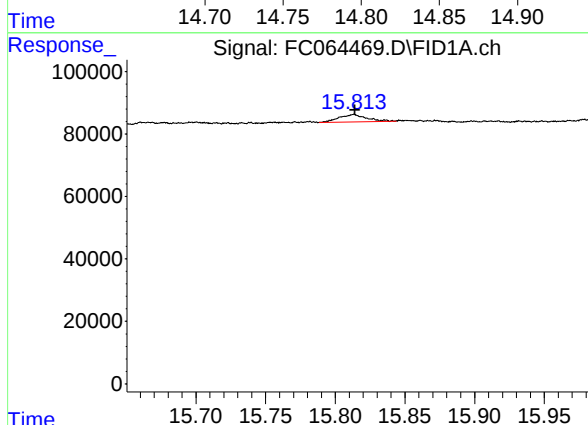
R.T.: 13.695 min
Delta R.T.: -0.003 min
Response: 28708
Conc: 0.18 ug/ml

Instrument :
FID_C
ClientSampleId :



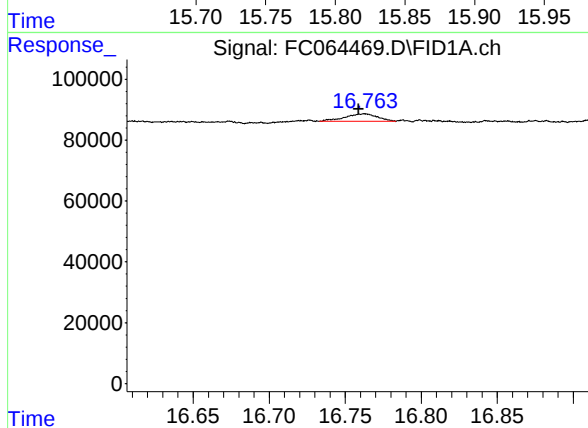
#14 n-Tetracosane (C24)

R.T.: 14.794 min
Delta R.T.: -0.004 min
Response: 31393
Conc: 0.20 ug/ml



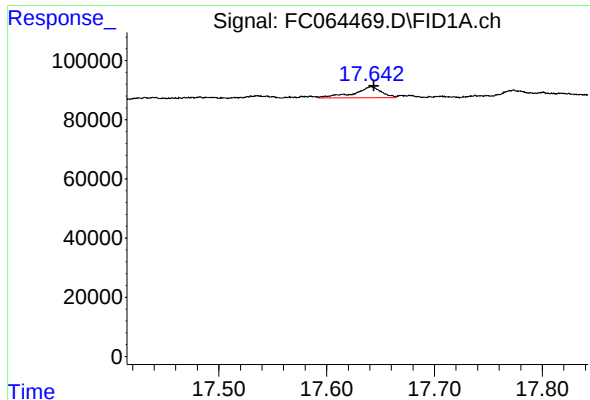
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: 0.000 min
Response: 32222
Conc: 0.21 ug/ml



#16 n-Octacosane (C28)

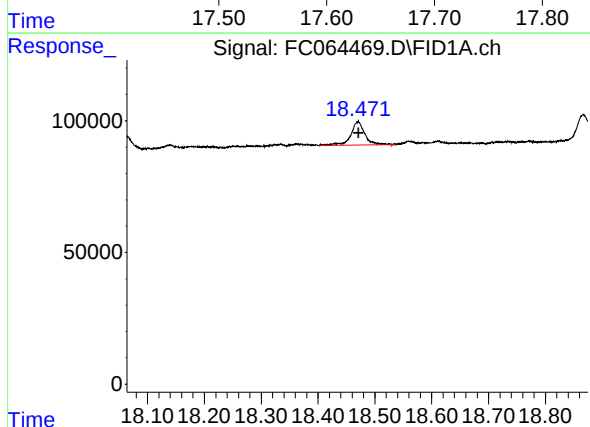
R.T.: 16.763 min
Delta R.T.: 0.004 min
Response: 36659
Conc: 0.25 ug/ml



#17 n-Tricontane (C30)

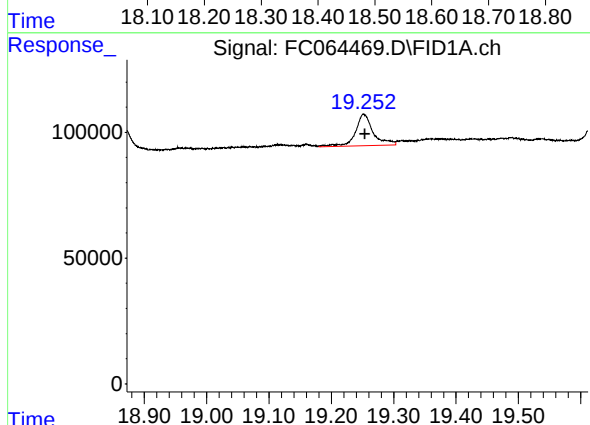
R.T.: 17.641 min
Delta R.T.: -0.003 min
Response: 66016
Conc: 0.45 ug/ml

Instrument :
FID_C
ClientSampleId :



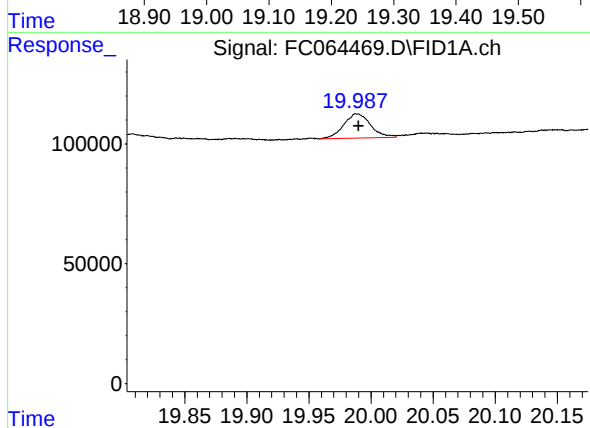
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.001 min
Response: 153154
Conc: 1.08 ug/ml



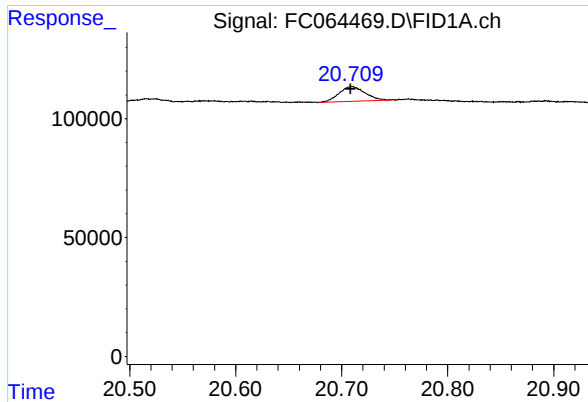
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.002 min
Response: 253817
Conc: 1.90 ug/ml



#20 n-Hexatriacontane (C36)

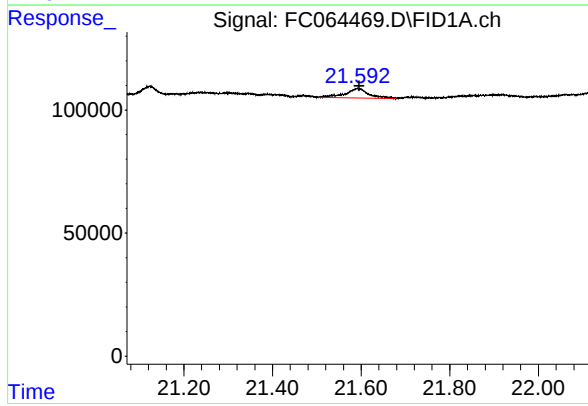
R.T.: 19.989 min
Delta R.T.: -0.002 min
Response: 152310
Conc: 1.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.001 min
Response: 106491
Conc: 0.87 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: -0.004 min
Response: 140058
Conc: 1.21 ug/ml