

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103023AL\
 Data File : FC064951.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2023 13:36
 Operator : YP/AJ
 Sample : 05135-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 23:39:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.525	7205068	32.738 ug/ml
Spiked Amount 50.000		Recovery =	65.48%
12) S 1-chlorooctadecane (S...	12.955	5373888	33.994 ug/ml
Spiked Amount 50.000		Recovery =	67.99%
Target Compounds			
1) T n-Nonane (C9)	3.282	58358	0.309 ug/ml
4) T n-Dodecane (C12)	6.394	69687	0.361 ug/ml
6) T n-Tetradecane (C14)	8.179	86113	0.456 ug/ml
7) T n-Hexadecane (C16)	9.775	53312	0.282 ug/ml
8) T n-Octadecane (C18)	11.208	44931	0.238 ug/ml
10) T n-Eicosane (C20)	12.512	59403	0.330 ug/ml
13) T n-Docosane (C22)	13.702	49176	0.286 ug/ml
14) T n-Tetracosane (C24)	14.802	237500	1.426 ug/ml
15) T n-Hexacosane (C26)	15.819	104374	0.650 ug/ml
16) T n-Octacosane (C28)	16.766	167848	1.073 ug/ml
17) T n-Tricontane (C30)	17.649	147106	0.929 ug/ml
18) T n-Dotriacontane (C32)	18.477	203723	1.290 ug/ml
19) T n-Tetratriacontane (C34)	19.263	168629	1.105 ug/ml
20) T n-Hexatriacontane (C36)	19.997	87650	0.581 ug/ml
21) T n-Octatriacontane (C38)	20.720	114452	0.769 ug/ml
22) T n-Tetracontane (C40)	21.599	127598	0.868 ug/ml

(f)=RT Delta > 1/2 Window

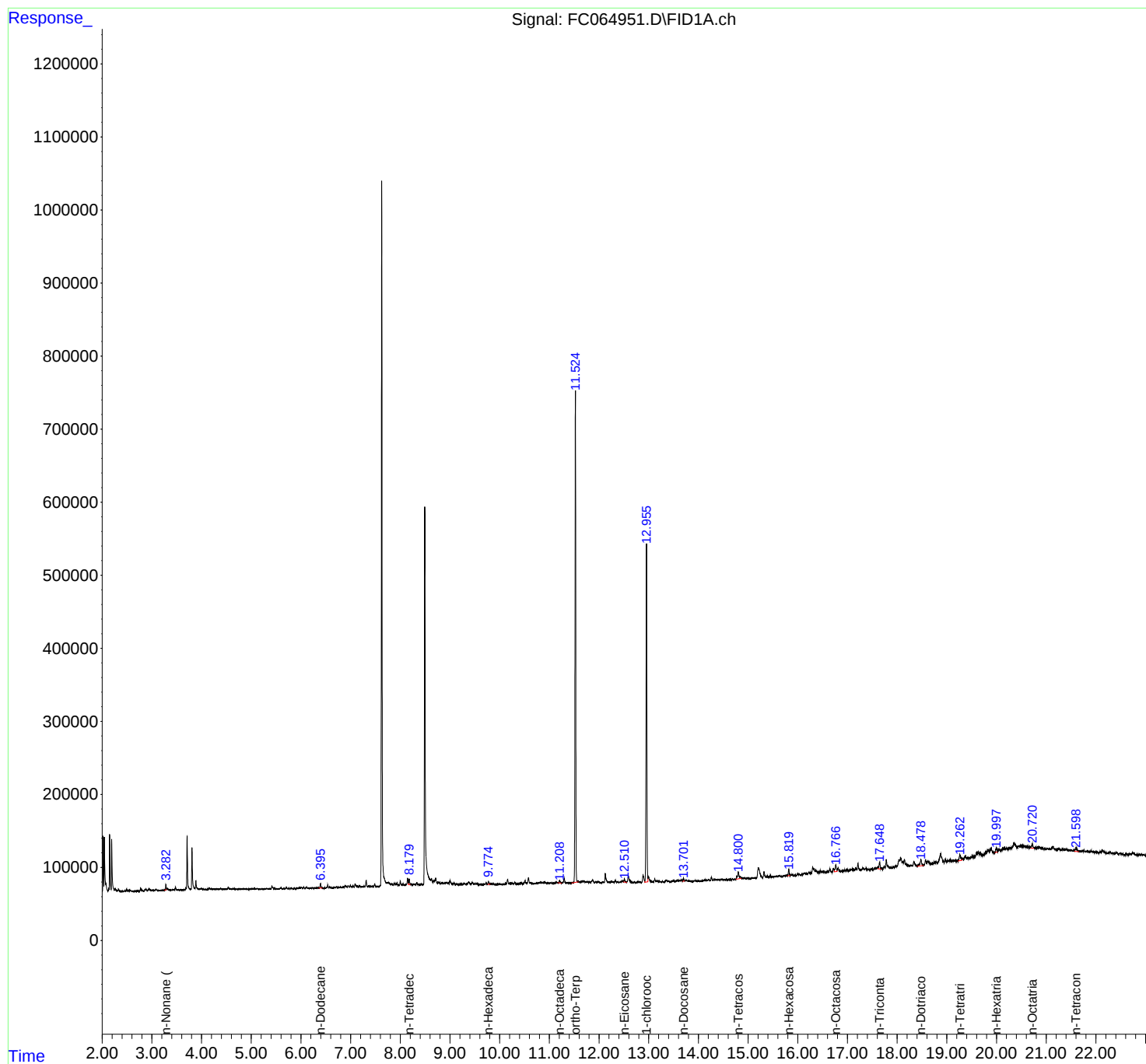
(m)=manual int.

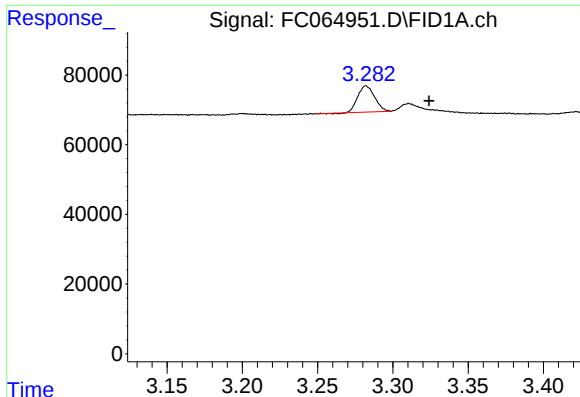
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103023AL\
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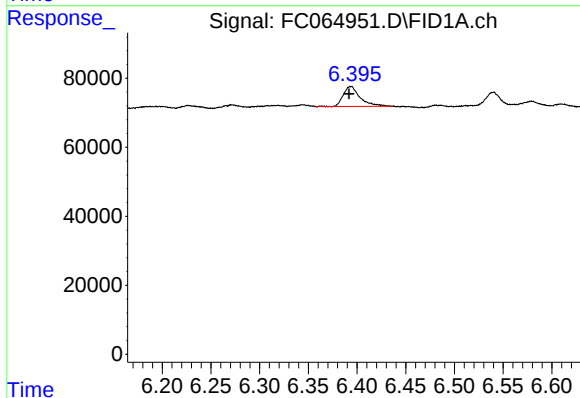




#1 n-Nonane (C9)

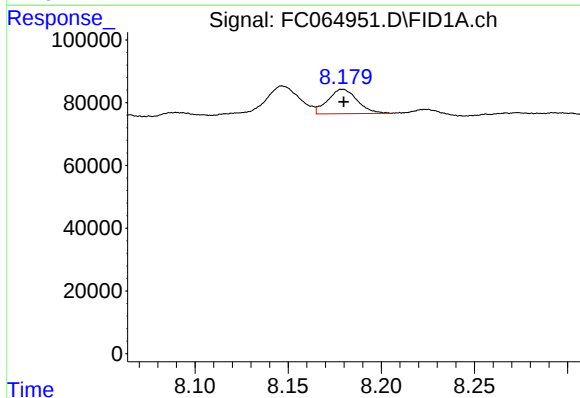
R.T.: 3.282 min
Delta R.T.: -0.042 min
Response: 58358
Conc: 0.31 ug/ml

Instrument :
FID_C
ClientSampleId :



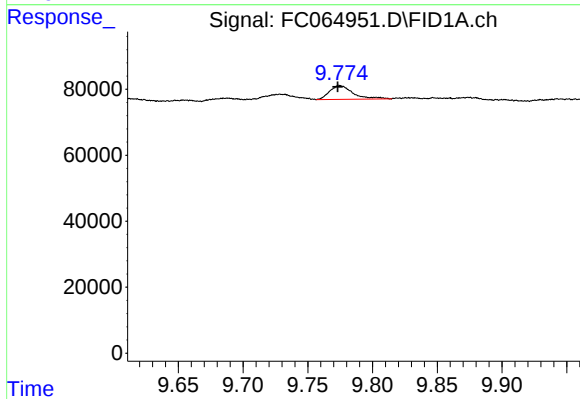
#4 n-Dodecane (C12)

R.T.: 6.394 min
Delta R.T.: 0.002 min
Response: 69687
Conc: 0.36 ug/ml



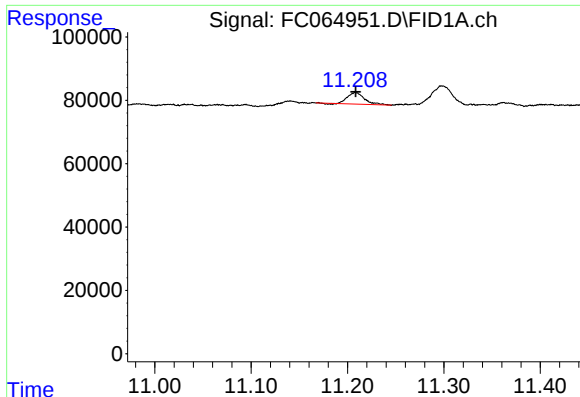
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 86113
Conc: 0.46 ug/ml



#7 n-Hexadecane (C16)

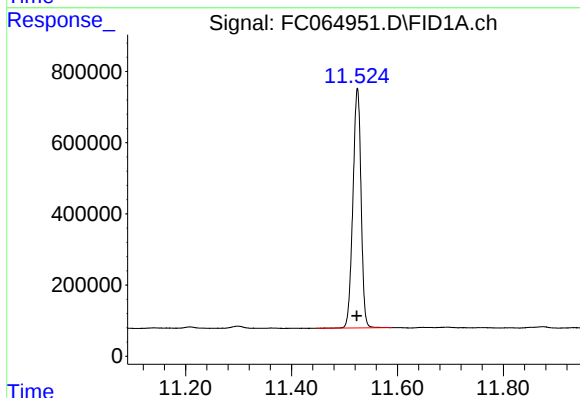
R.T.: 9.775 min
Delta R.T.: 0.002 min
Response: 53312
Conc: 0.28 ug/ml



#8 n-Octadecane (C18)

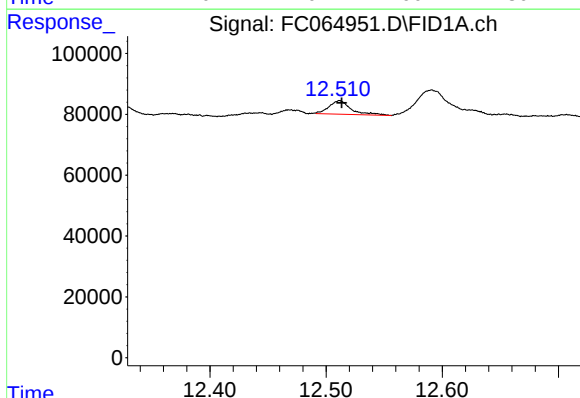
R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 44931
Conc: 0.24 ug/ml

Instrument :
FID_C
ClientSampleId :



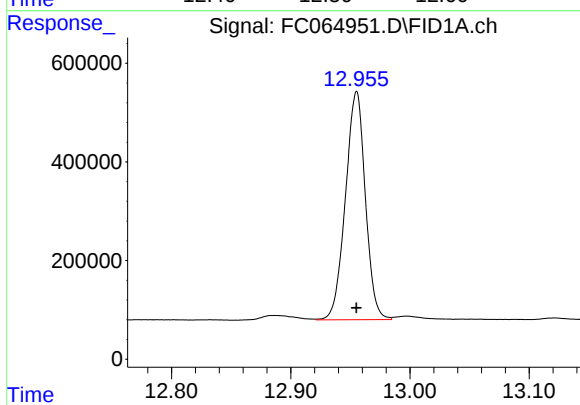
#9 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: 0.002 min
Response: 7205068
Conc: 32.74 ug/ml



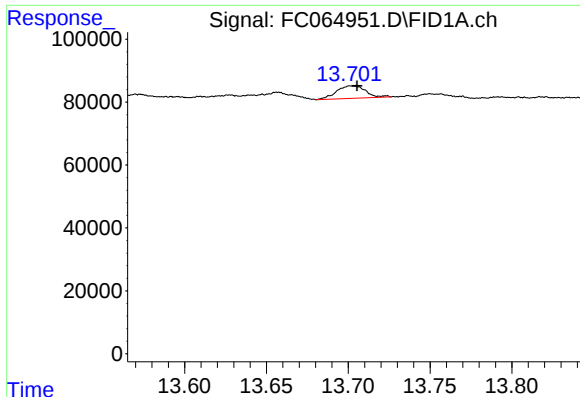
#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: -0.002 min
Response: 59403
Conc: 0.33 ug/ml



#12 1-chlorooctadecane (SURR)

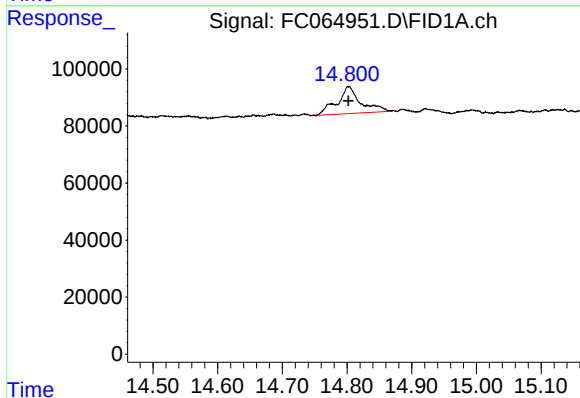
R.T.: 12.955 min
Delta R.T.: 0.000 min
Response: 5373888
Conc: 33.99 ug/ml



#13 n-Docosane (C22)

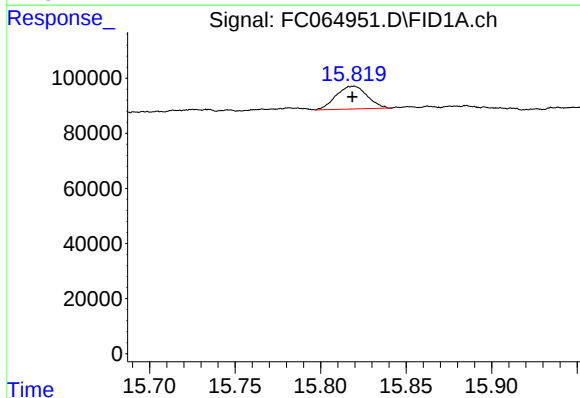
R.T.: 13.702 min
Delta R.T.: -0.003 min
Response: 49176
Conc: 0.29 ug/ml

Instrument :
FID_C
ClientSampleId :



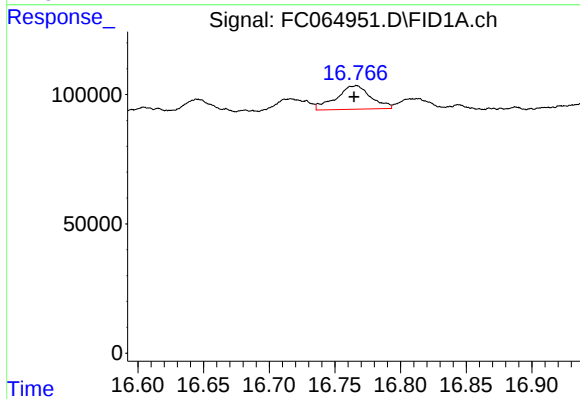
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: 0.000 min
Response: 237500
Conc: 1.43 ug/ml



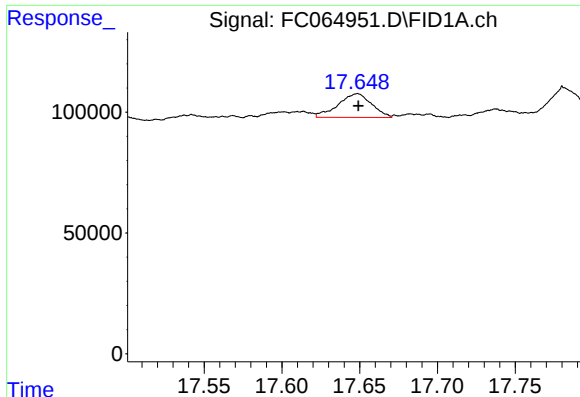
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: 0.000 min
Response: 104374
Conc: 0.65 ug/ml



#16 n-Octacosane (C28)

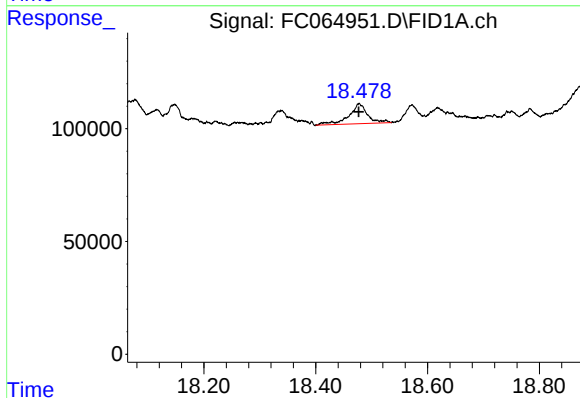
R.T.: 16.766 min
Delta R.T.: 0.002 min
Response: 167848
Conc: 1.07 ug/ml



#17 n-Tricontane (C30)

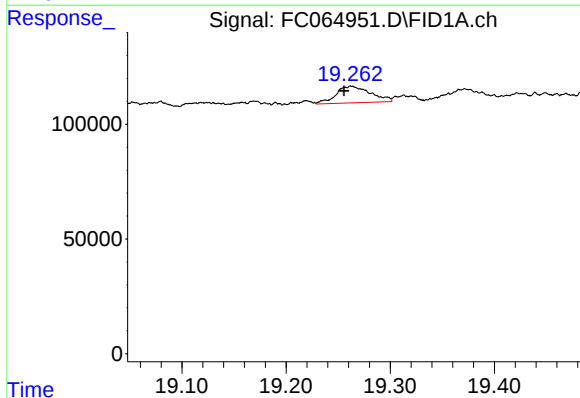
R.T.: 17.649 min
Delta R.T.: 0.000 min
Response: 147106
Conc: 0.93 ug/ml

Instrument :
FID_C
ClientSampleId :



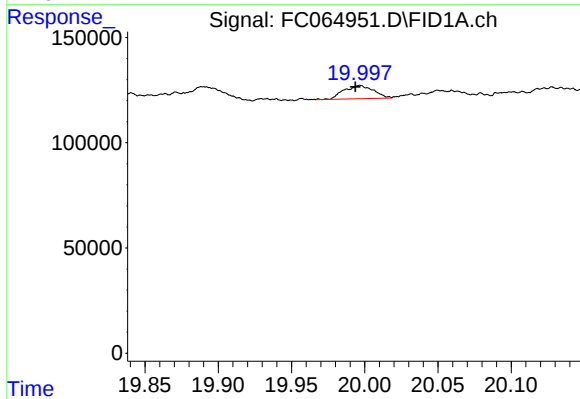
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 203723
Conc: 1.29 ug/ml



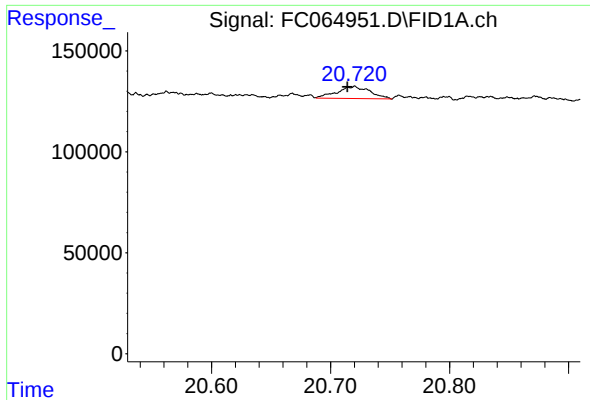
#19 n-Tetratriacontane (C34)

R.T.: 19.263 min
Delta R.T.: 0.007 min
Response: 168629
Conc: 1.10 ug/ml



#20 n-Hexatriacontane (C36)

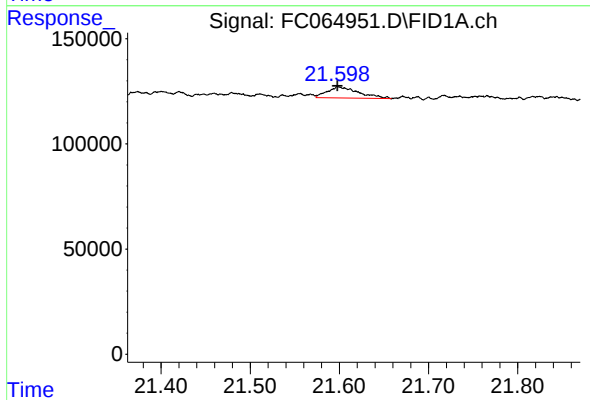
R.T.: 19.997 min
Delta R.T.: 0.003 min
Response: 87650
Conc: 0.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: 0.006 min
Response: 114452
Conc: 0.77 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: 0.000 min
Response: 127598
Conc: 0.87 ug/ml