

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110723AL\
 Data File : FC065044.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2023 00:24
 Operator : YP/AJ
 Sample : 05251-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 T-1MSD

Integration File: autoint1.e
 Quant Time: Nov 08 04:02:03 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			
12) S 1-chlorooctadecane (S...	12.946	5530563	34.985 ug/ml
Spiked Amount 50.000		Recovery =	69.97%
Target Compounds			
1) T n-Nonane (C9)	3.309	3644313	19.275 ug/ml
2) T n-Decane (C10)	4.370	4664068	24.529 ug/ml
4) T n-Dodecane (C12)	6.381	5696683	29.490 ug/ml
6) T n-Tetradecane (C14)	8.170	6136053	32.519 ug/ml
7) T n-Hexadecane (C16)	9.765	6526034	34.525 ug/ml
8) T n-Octadecane (C18)	11.201	6873800	36.422 ug/ml
10) T n-Eicosane (C20)	12.505	6915183	38.465 ug/ml
11) T n-Heneicosane (C21)	13.114	6588513	37.527 ug/ml
13) T n-Docosane (C22)	13.696	6501328	37.849 ug/ml
14) T n-Tetracosane (C24)	14.795	6278417	37.695 ug/ml
15) T n-Hexacosane (C26)	15.812	6076214	37.856 ug/ml
16) T n-Octacosane (C28)	16.758	5879516	37.568 ug/ml
17) T n-Tricontane (C30)	17.641	5828235	36.796 ug/ml
18) T n-Dotriacontane (C32)	18.469	5721466	36.236 ug/ml
19) T n-Tetratriacontane (C34)	19.250	5608543	36.744 ug/ml
20) T n-Hexatriacontane (C36)	19.988	5324110	35.287 ug/ml
21) T n-Octatriacontane (C38)	20.710	5230081	35.145 ug/ml
22) T n-Tetracontane (C40)	21.590	5136311	34.922 ug/ml

(f)=RT Delta > 1/2 Window

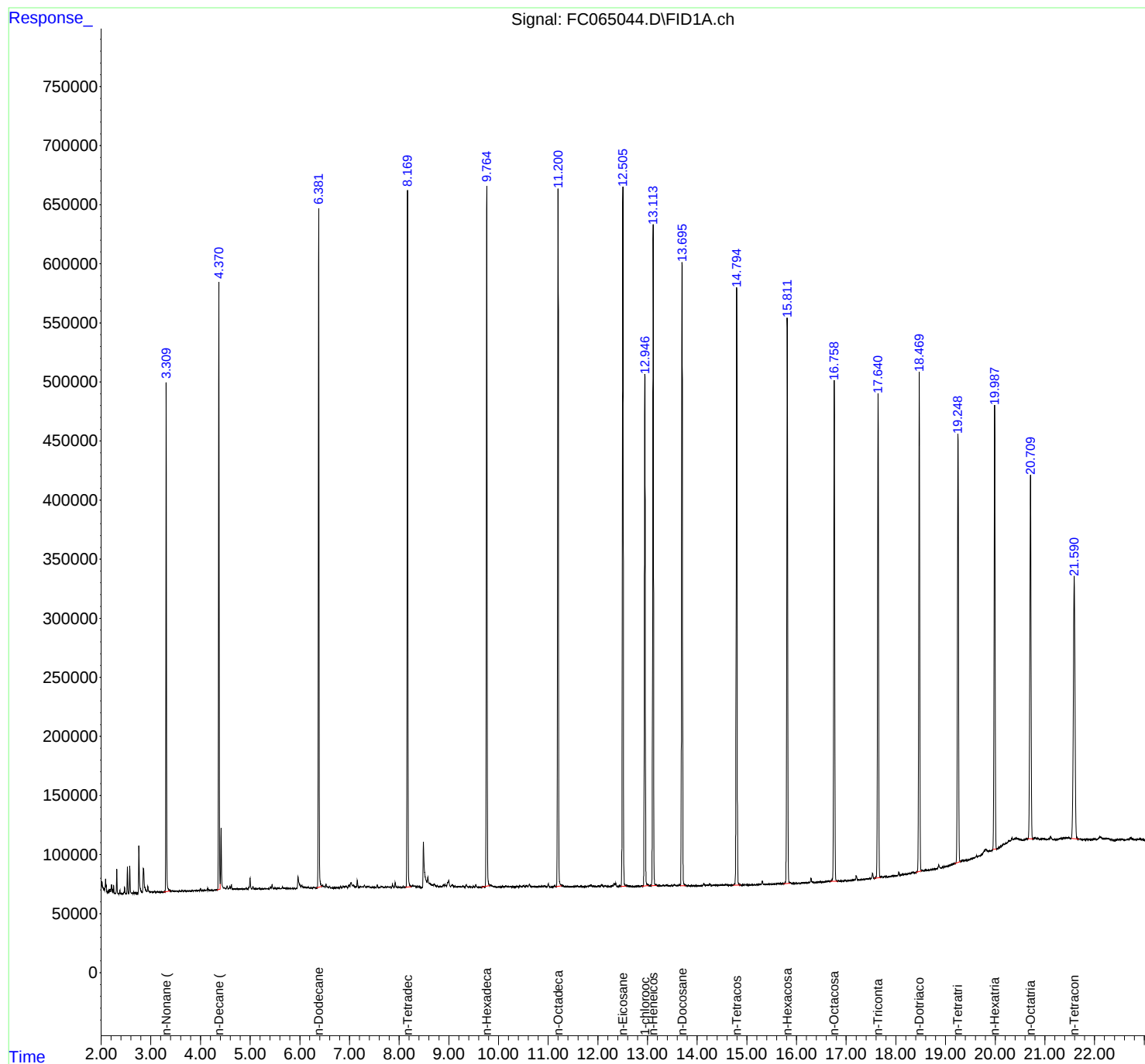
(m)=manual int.

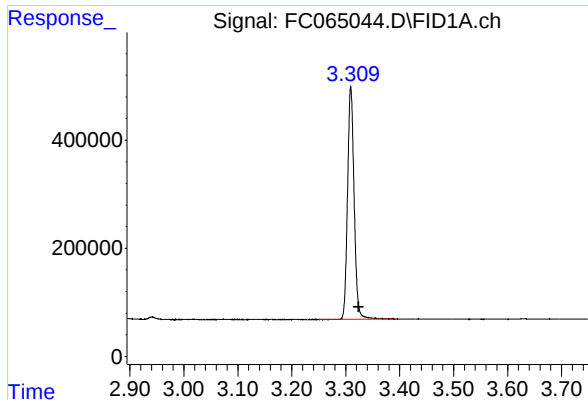
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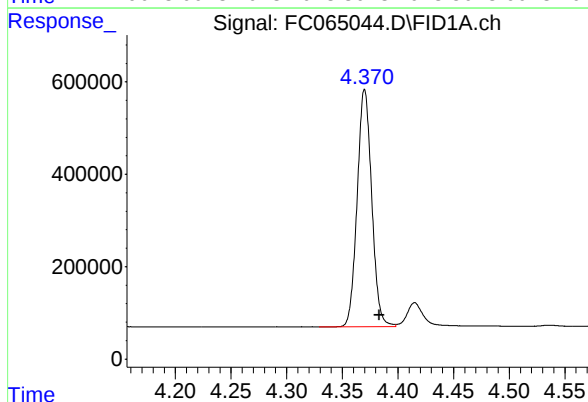




#1 n-Nonane (C9)

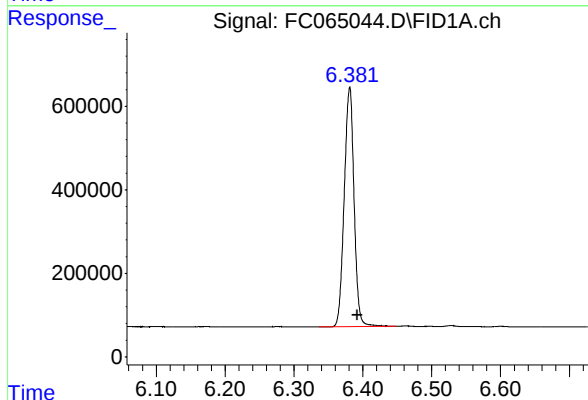
R.T.: 3.309 min
Delta R.T.: -0.015 min
Response: 3644313
Conc: 19.28 ug/ml

Instrument :
FID_C
ClientSampleId :
T-1MSD



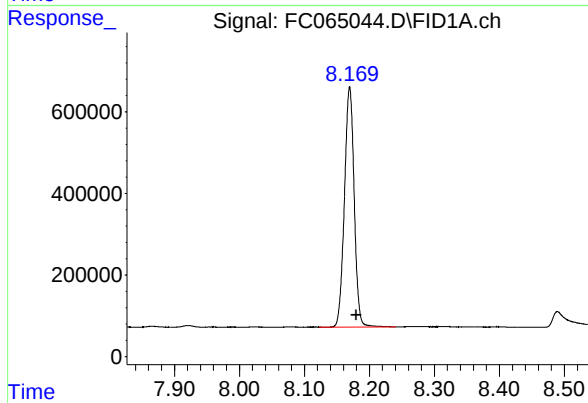
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: -0.013 min
Response: 4664068
Conc: 24.53 ug/ml



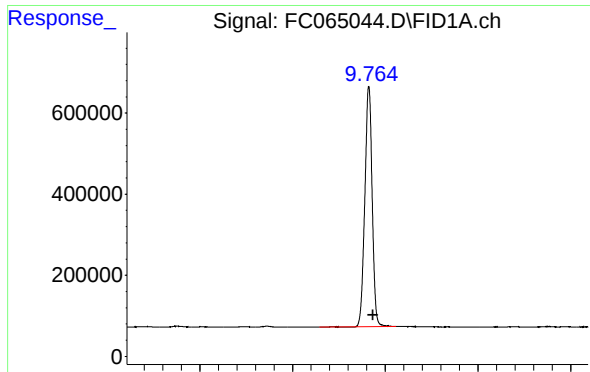
#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: -0.011 min
Response: 5696683
Conc: 29.49 ug/ml



#6 n-Tetradecane (C14)

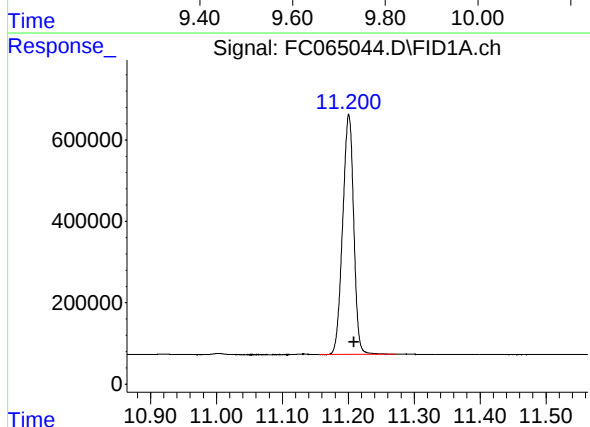
R.T.: 8.170 min
Delta R.T.: -0.010 min
Response: 6136053
Conc: 32.52 ug/ml



#7 n-Hexadecane (C16)

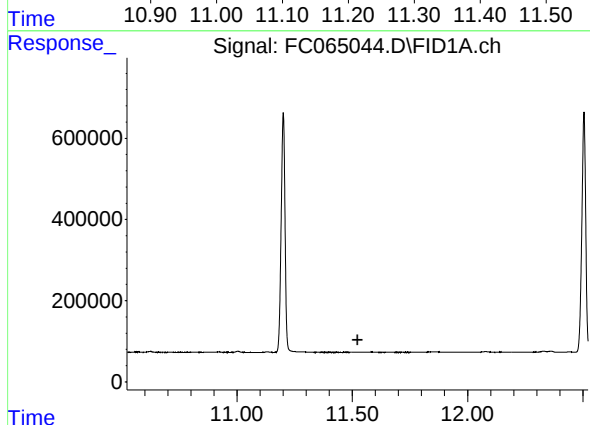
R.T.: 9.765 min
Delta R.T.: -0.009 min
Response: 6526034
Conc: 34.52 ug/ml

Instrument :
FID_C
ClientSampleId :
T-1MSD



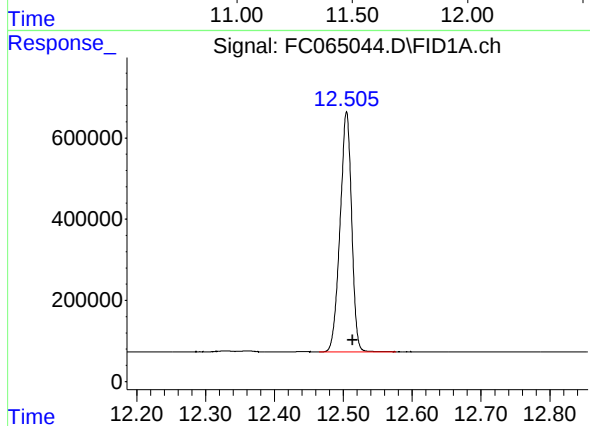
#8 n-Octadecane (C18)

R.T.: 11.201 min
Delta R.T.: -0.008 min
Response: 6873800
Conc: 36.42 ug/ml



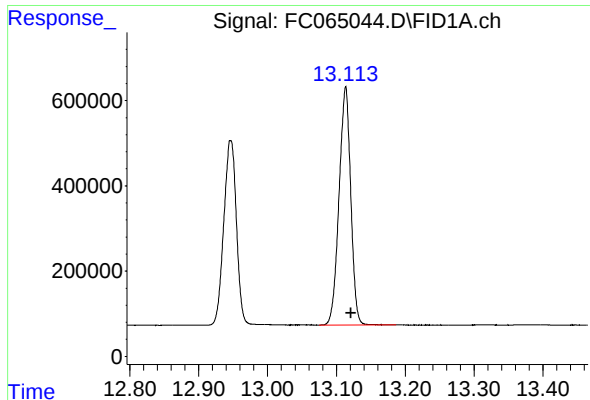
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.523 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

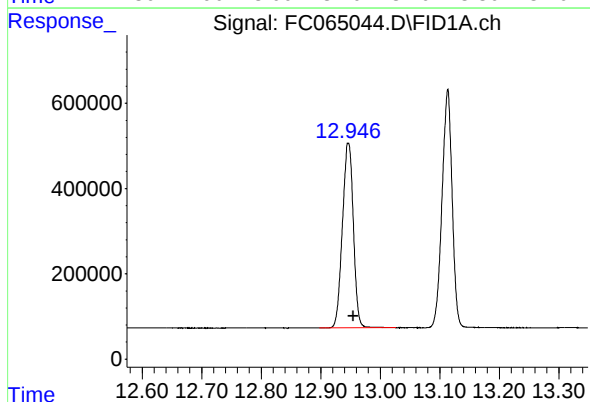
R.T.: 12.505 min
Delta R.T.: -0.009 min
Response: 6915183
Conc: 38.46 ug/ml



#11 n-Heneicosane (C21)

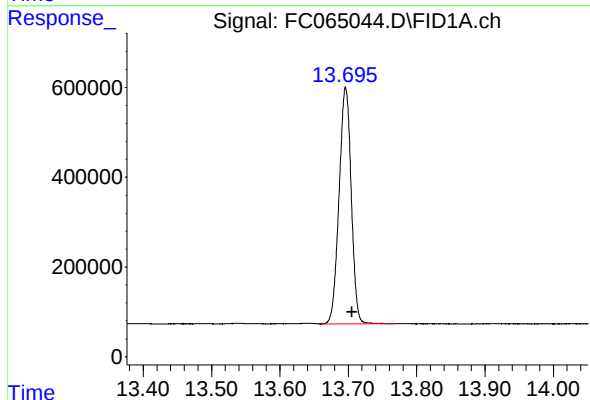
R.T.: 13.114 min
Delta R.T.: -0.008 min
Response: 6588513
Conc: 37.53 ug/ml

Instrument :
FID_C
ClientSampleId :
T-1MSD



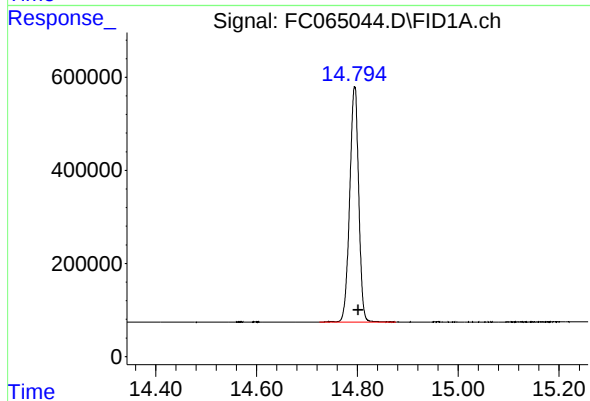
#12 1-chlorooctadecane (SURR)

R.T.: 12.946 min
Delta R.T.: -0.008 min
Response: 5530563
Conc: 34.98 ug/ml



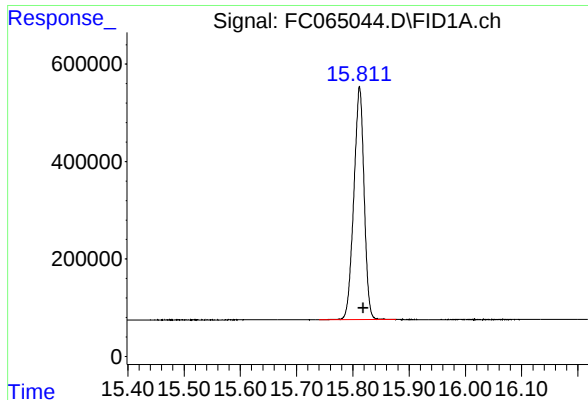
#13 n-Docosane (C22)

R.T.: 13.696 min
Delta R.T.: -0.009 min
Response: 6501328
Conc: 37.85 ug/ml



#14 n-Tetracosane (C24)

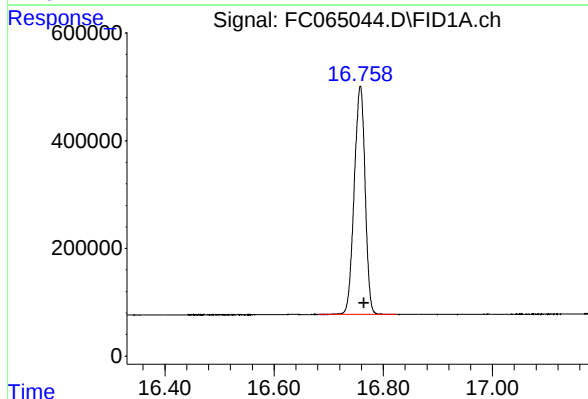
R.T.: 14.795 min
Delta R.T.: -0.008 min
Response: 6278417
Conc: 37.70 ug/ml



#15 n-Hexacosane (C26)

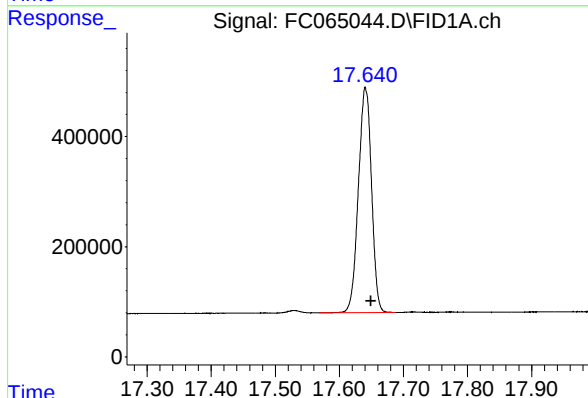
R.T.: 15.812 min
Delta R.T.: -0.006 min
Response: 6076214
Conc: 37.86 ug/ml

Instrument :
FID_C
ClientSampleId :
T-1MSD



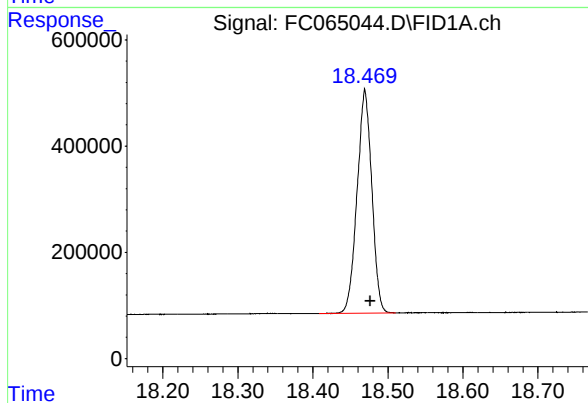
#16 n-Octacosane (C28)

R.T.: 16.758 min
Delta R.T.: -0.007 min
Response: 5879516
Conc: 37.57 ug/ml



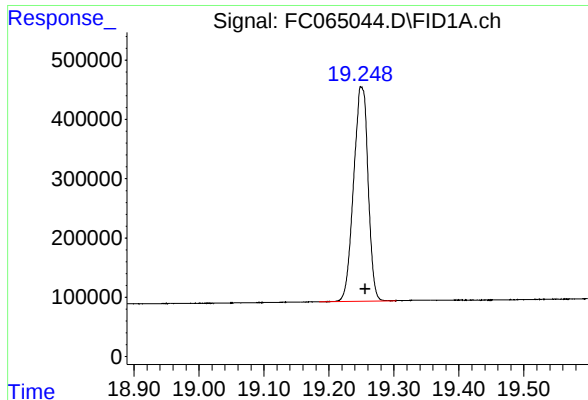
#17 n-Tricontane (C30)

R.T.: 17.641 min
Delta R.T.: -0.009 min
Response: 5828235
Conc: 36.80 ug/ml



#18 n-Dotriacontane (C32)

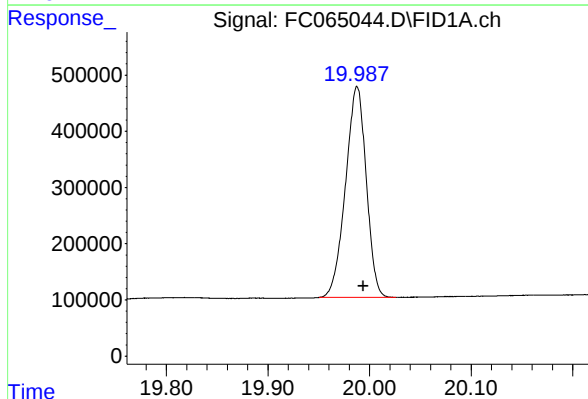
R.T.: 18.469 min
Delta R.T.: -0.007 min
Response: 5721466
Conc: 36.24 ug/ml



#19 n-Tetratriacontane (C34)

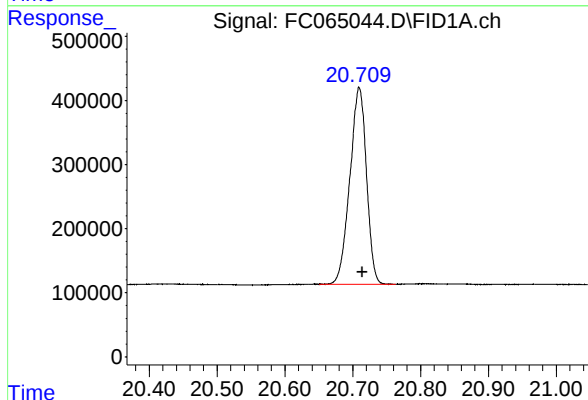
R.T.: 19.250 min
Delta R.T.: -0.006 min
Response: 5608543
Conc: 36.74 ug/ml

Instrument :
FID_C
ClientSampleId :
T-1MSD



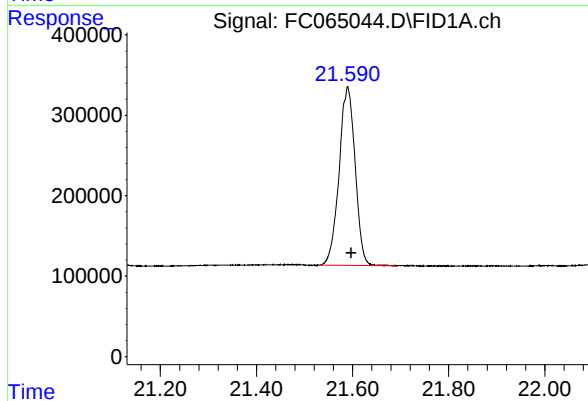
#20 n-Hexatriacontane (C36)

R.T.: 19.988 min
Delta R.T.: -0.006 min
Response: 5324110
Conc: 35.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: -0.005 min
Response: 5230081
Conc: 35.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: -0.008 min
Response: 5136311
Conc: 34.92 ug/ml