

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100423AL\
 Data File : FC064720.D
 Signal(s) : FID1A.ch
 Acq On : 04 Oct 2023 14:45
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 05 00:13:23 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)	11.520	4305634	21.279 ug/ml
Spiked Amount 50.000		Recovery =	42.56%
12) S 1-chlorooctadecane (S...	12.951	3090502	21.218 ug/ml
Spiked Amount 50.000		Recovery =	42.44%
Target Compounds			
1) T n-Nonane (C9)	3.323	3795959	21.480 ug/ml
2) T n-Decane (C10)	4.382	3805240	21.182 ug/ml
3) T A~Naphthalene (C11.7)	5.962	3959388	21.076 ug/ml
4) T n-Dodecane (C12)	6.391	3863851	21.272 ug/ml
5) T A~2-methylnaphthalene...	7.015	3777892	21.184 ug/ml
6) T n-Tetradecane (C14)	8.179	3745381	21.108 ug/ml
7) T n-Hexadecane (C16)	9.771	3720098	20.695 ug/ml
8) T n-Octadecane (C18)	11.206	3696703	20.418 ug/ml
10) T n-Eicosane (C20)	12.509	3509616	20.604 ug/ml
11) T n-Heneicosane (C21)	13.118	3425765	20.684 ug/ml
13) T n-Docosane (C22)	13.702	3369363	20.682 ug/ml
14) T n-Tetracosane (C24)	14.800	3244170	20.435 ug/ml
15) T n-Hexacosane (C26)	15.815	3102431	20.324 ug/ml
16) T n-Octacosane (C28)	16.761	3015754	20.377 ug/ml
17) T n-Tricontane (C30)	17.643	3037834	20.449 ug/ml
18) T n-Dotriacontane (C32)	18.471	2997040	20.536 ug/ml
19) T n-Tetratriacontane (C34)	19.251	2861133	20.125 ug/ml
20) T n-Hexatriacontane (C36)	19.987	2775263	20.149 ug/ml
21) T n-Octatriacontane (C38)	20.708	2685147	19.593 ug/ml
22) T n-Tetracontane (C40)	21.587	2596881	19.091 ug/ml

(f)=RT Delta > 1/2 Window

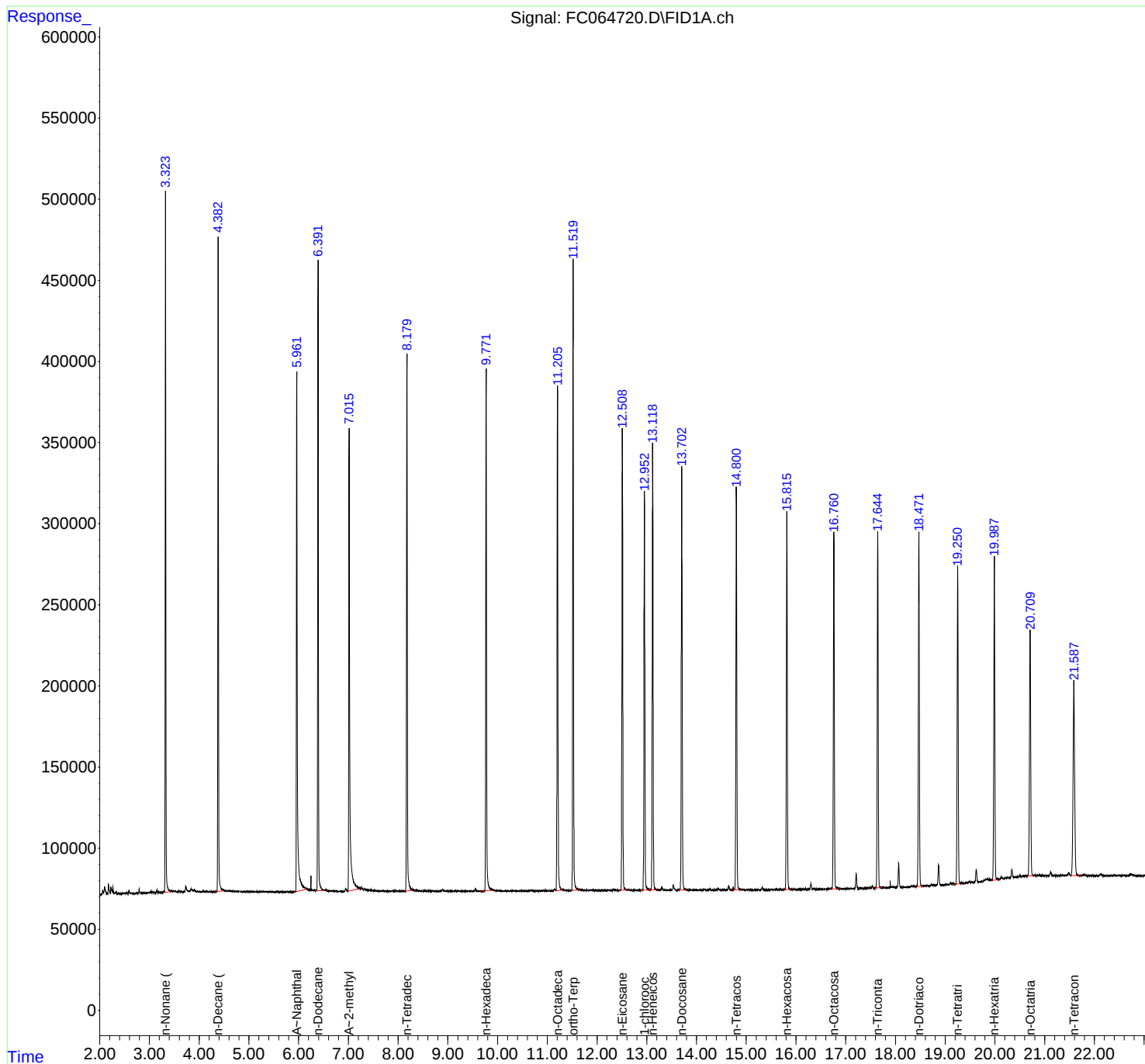
(m)=manual int.

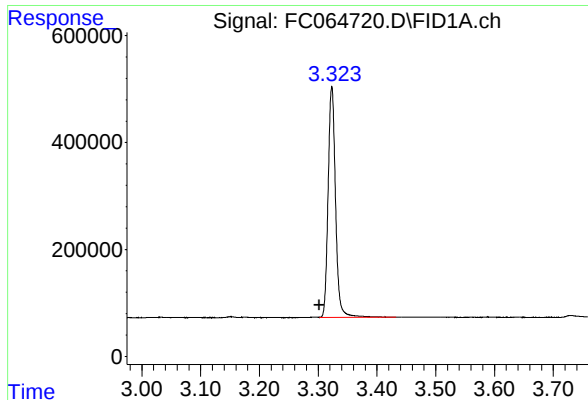
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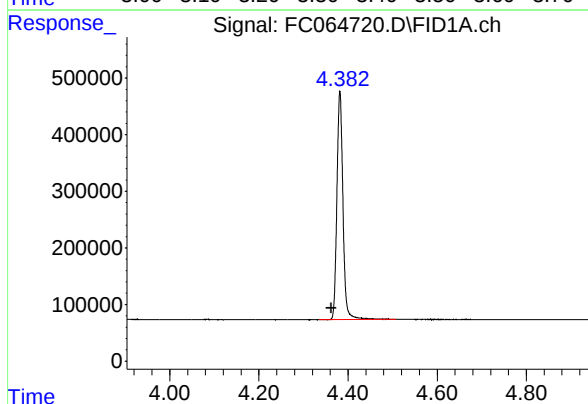




#1 n-Nonane (C9)

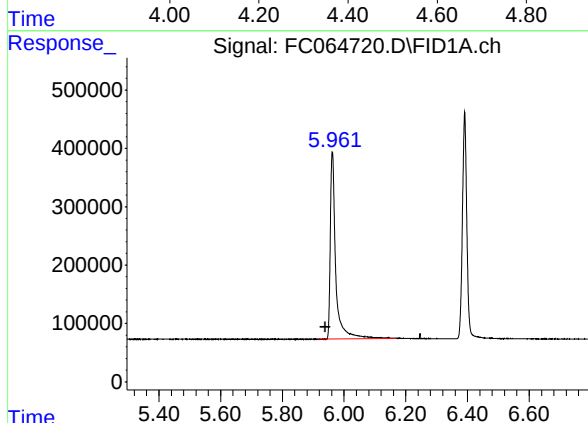
R.T.: 3.323 min
Delta R.T.: 0.021 min
Response: 3795959
Conc: 21.48 ug/ml

Instrument :
FID_C
ClientSampleId :



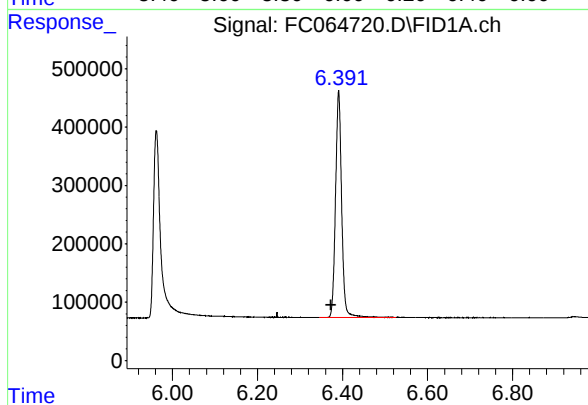
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: 0.020 min
Response: 3805240
Conc: 21.18 ug/ml



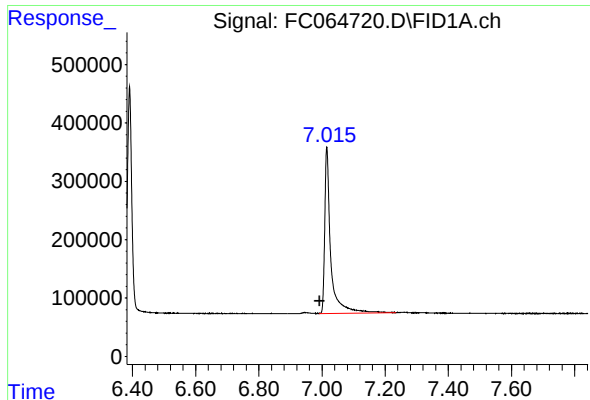
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.023 min
Response: 3959388
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

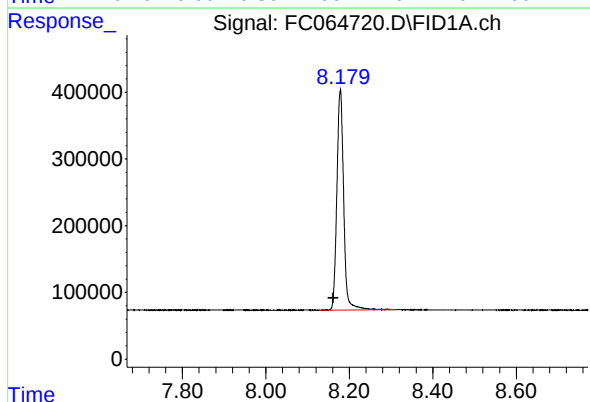
R.T.: 6.391 min
Delta R.T.: 0.019 min
Response: 3863851
Conc: 21.27 ug/ml



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

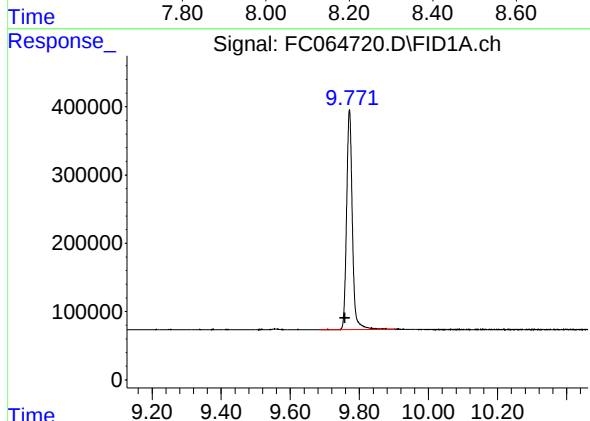
R.T.: 7.015 min
Delta R.T.: 0.023 min
Response: 3777892
Conc: 21.18 ug/ml

Instrument :
FID_C
ClientSampleId :



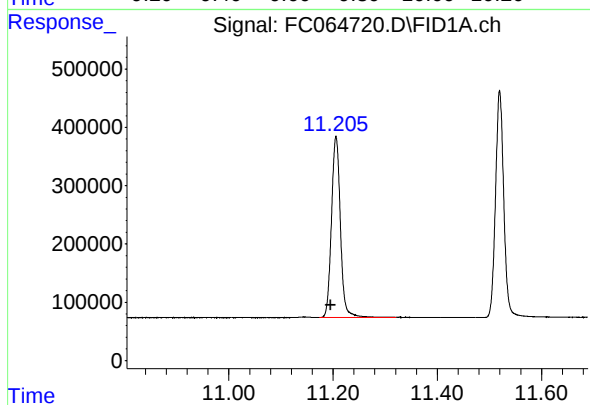
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.017 min
Response: 3745381
Conc: 21.11 ug/ml



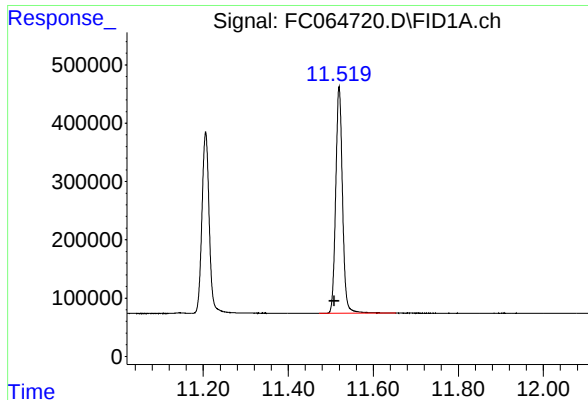
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: 0.013 min
Response: 3720098
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

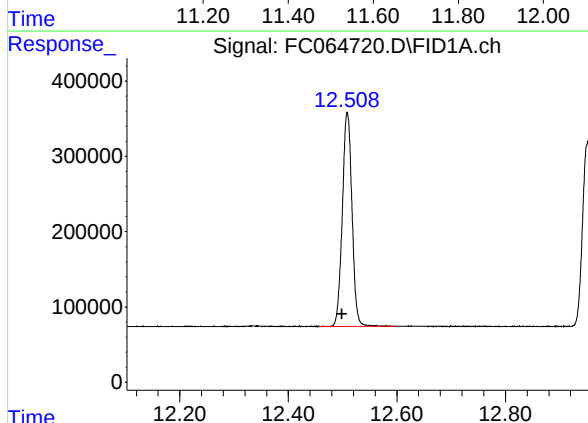
R.T.: 11.206 min
Delta R.T.: 0.010 min
Response: 3696703
Conc: 20.42 ug/ml



#9 ortho-Terphenyl (SURR)

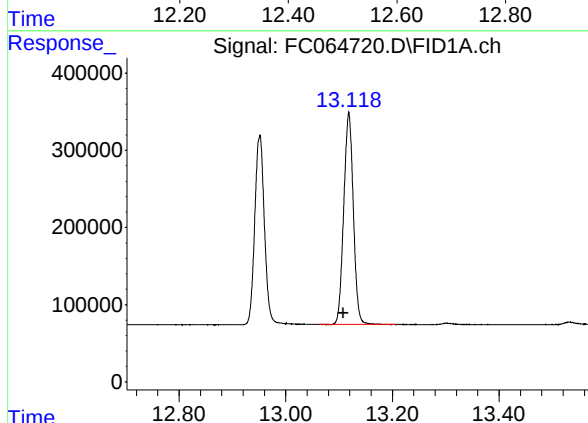
R.T.: 11.520 min
Delta R.T.: 0.011 min
Response: 4305634
Conc: 21.28 ug/ml

Instrument :
FID_C
ClientSampleId :



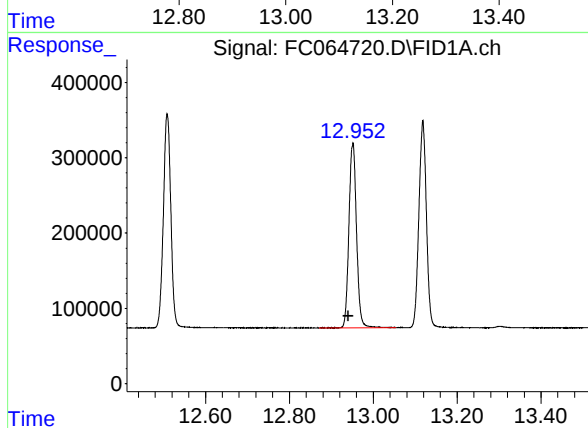
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: 0.009 min
Response: 3509616
Conc: 20.60 ug/ml



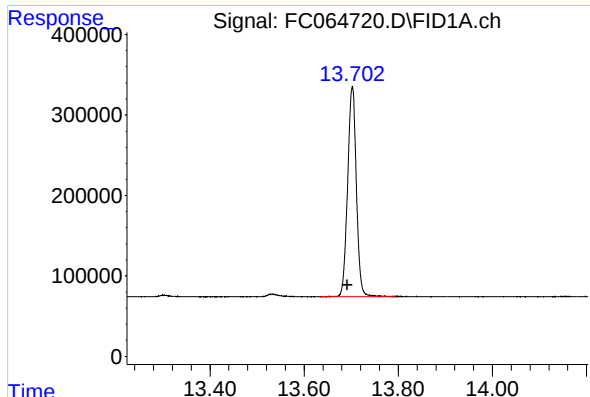
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: 0.010 min
Response: 3425765
Conc: 20.68 ug/ml



#12 1-chlorooctadecane (SURR)

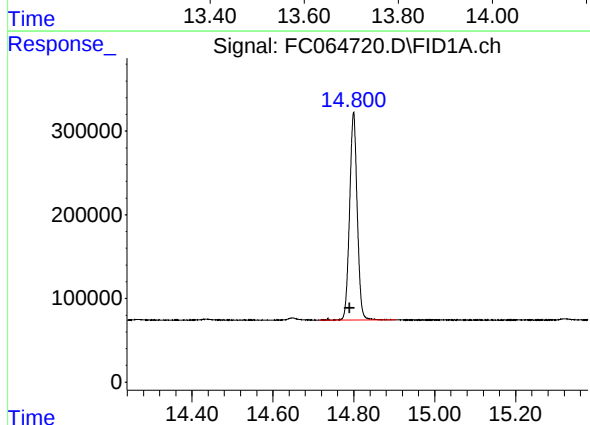
R.T.: 12.951 min
Delta R.T.: 0.011 min
Response: 3090502
Conc: 21.22 ug/ml



#13 n-Docosane (C22)

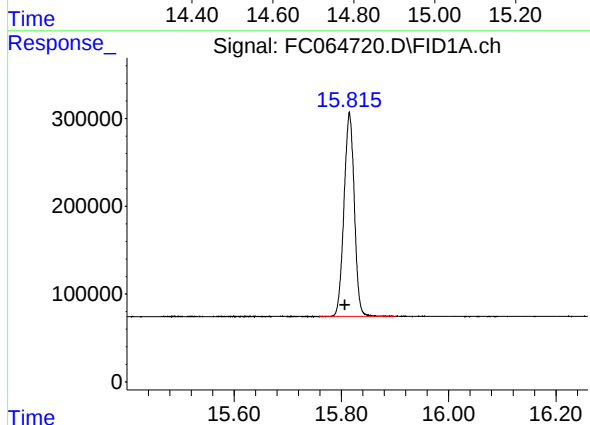
R.T.: 13.702 min
Delta R.T.: 0.011 min
Response: 3369363
Conc: 20.68 ug/ml

Instrument :
FID_C
ClientSampleId :



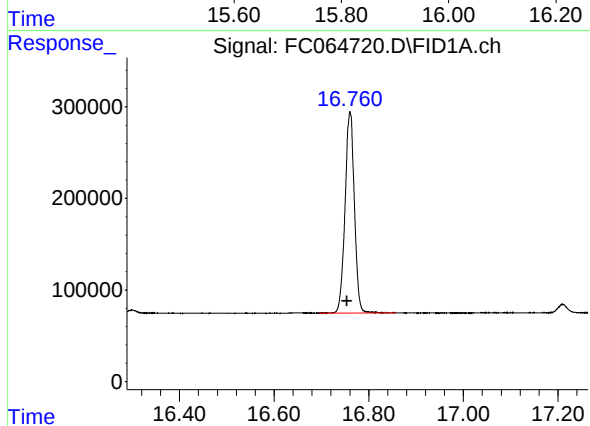
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.009 min
Response: 3244170
Conc: 20.43 ug/ml



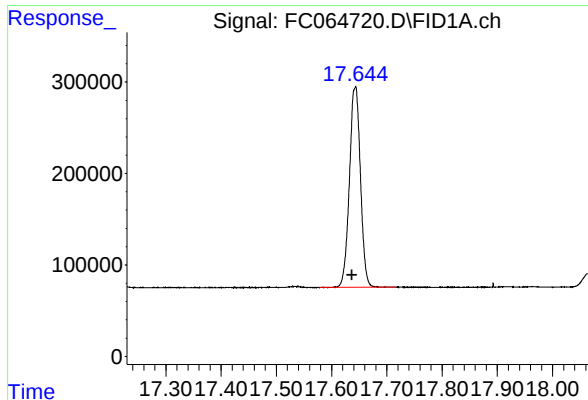
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.008 min
Response: 3102431
Conc: 20.32 ug/ml



#16 n-Octacosane (C28)

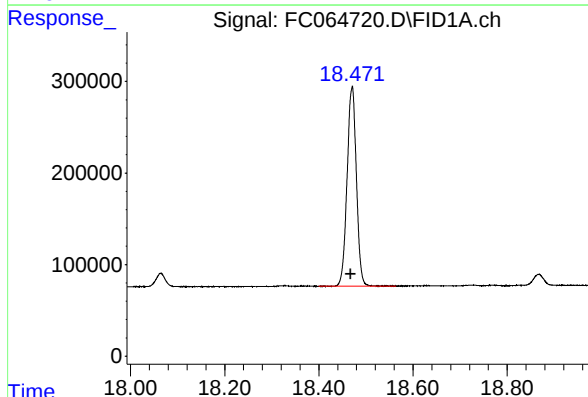
R.T.: 16.761 min
Delta R.T.: 0.007 min
Response: 3015754
Conc: 20.38 ug/ml



#17 n-Tricontane (C30)

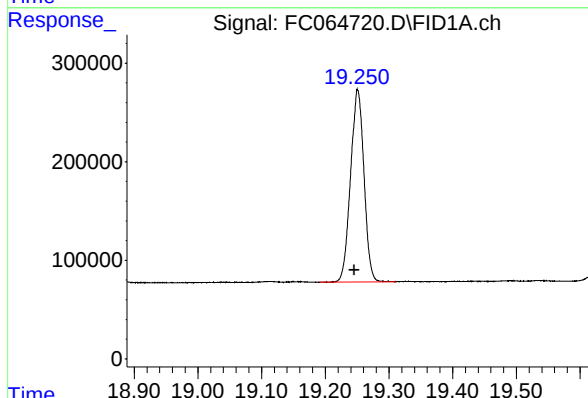
R.T.: 17.643 min
Delta R.T.: 0.006 min
Response: 3037834
Conc: 20.45 ug/ml

Instrument :
FID_C
ClientSampleId :



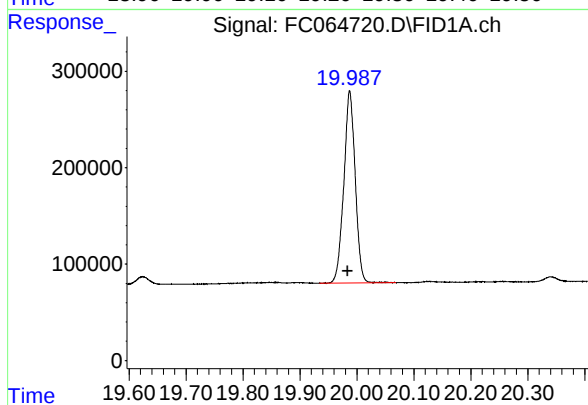
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: 0.003 min
Response: 2997040
Conc: 20.54 ug/ml



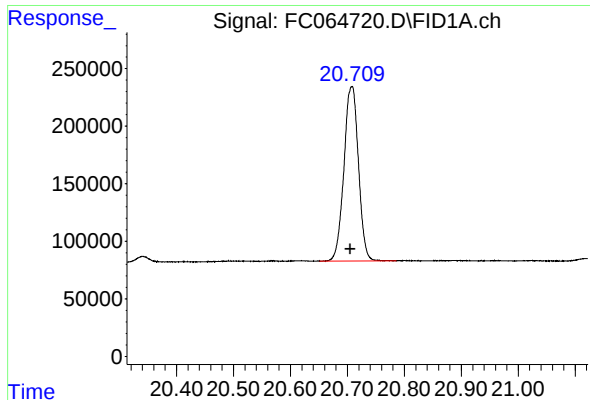
#19 n-Tetratriacontane (C34)

R.T.: 19.251 min
Delta R.T.: 0.005 min
Response: 2861133
Conc: 20.13 ug/ml



#20 n-Hexatriacontane (C36)

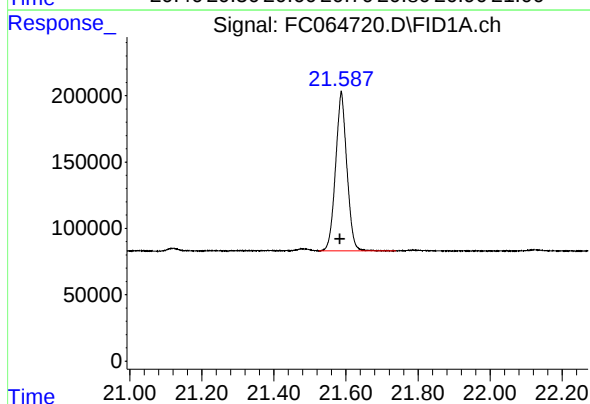
R.T.: 19.987 min
Delta R.T.: 0.004 min
Response: 2775263
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: 0.003 min
Response: 2685147
Conc: 19.59 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.587 min
Delta R.T.: 0.004 min
Response: 2596881
Conc: 19.09 ug/ml