

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091323AL\
 Data File : FC064554.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2023 14:31
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 02:25:21 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)	11.508	4088502	19.258 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
12) S 1-chlorooctadecane (S...	12.941	2990640	19.614 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
Target Compounds			
1) T n-Nonane (C9)	3.299	3418559	19.369 ug/ml
2) T n-Decane (C10)	4.359	3504276	19.976 ug/ml
3) T A~Naphthalene (C11.7)	5.939	3721647	20.014 ug/ml
4) T n-Dodecane (C12)	6.371	3557211	19.957 ug/ml
5) T A~2-methylnaphthalene...	6.992	3637348	20.447 ug/ml
6) T n-Tetradecane (C14)	8.161	3486285	19.984 ug/ml
7) T n-Hexadecane (C16)	9.757	3522456	20.383 ug/ml
8) T n-Octadecane (C18)	11.194	3516172	20.084 ug/ml
10) T n-Eicosane (C20)	12.500	3354066	19.828 ug/ml
11) T n-Heneicosane (C21)	13.108	3271467	19.601 ug/ml
13) T n-Docosane (C22)	13.693	3216886	19.722 ug/ml
14) T n-Tetracosane (C24)	14.792	3108679	19.521 ug/ml
15) T n-Hexacosane (C26)	15.810	2990104	19.354 ug/ml
16) T n-Octacosane (C28)	16.755	2919050	19.717 ug/ml
17) T n-Tricontane (C30)	17.639	2989952	20.470 ug/ml
18) T n-Dotriacontane (C32)	18.469	2991113	21.175 ug/ml
19) T n-Tetratriacontane (C34)	19.248	2875160	21.518 ug/ml
20) T n-Hexatriacontane (C36)	19.987	2779997	21.725 ug/ml
21) T n-Octatriacontane (C38)	20.706	2710363	22.072 ug/ml
22) T n-Tetracontane (C40)	21.586	2675590	23.039 ug/ml

(f)=RT Delta > 1/2 Window

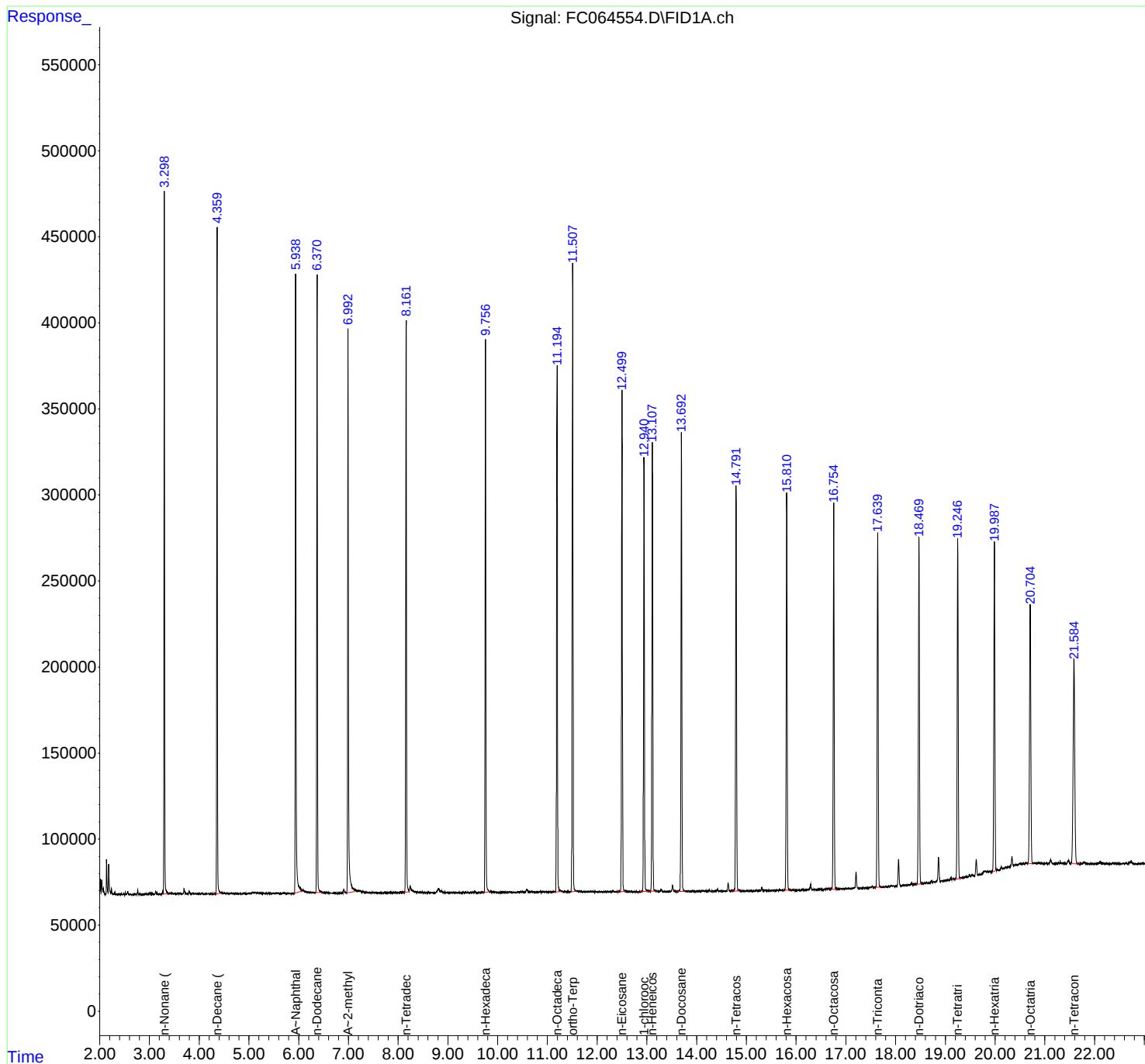
(m)=manual int.

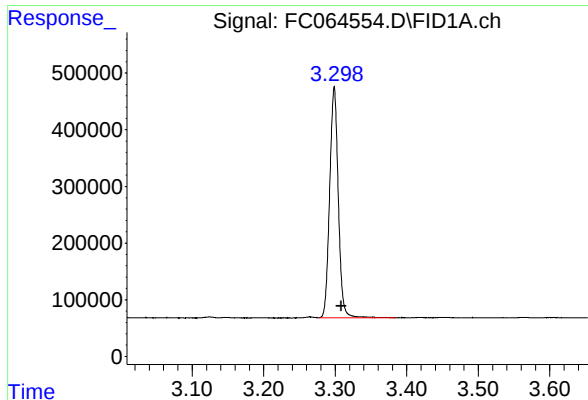
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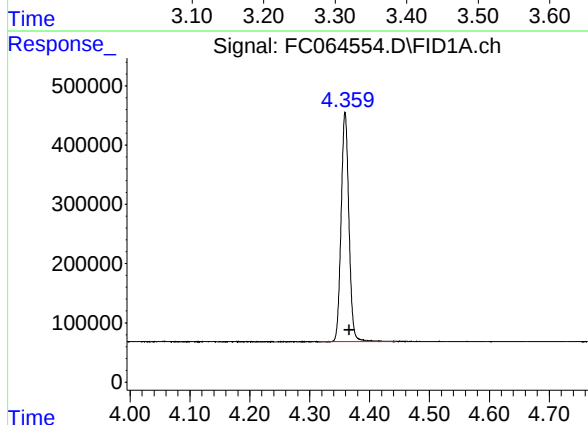




#1 n-Nonane (C9)

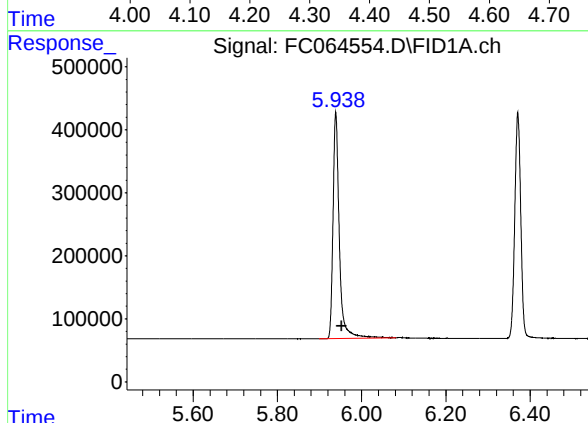
R.T.: 3.299 min
Delta R.T.: -0.010 min
Response: 3418559
Conc: 19.37 ug/ml

Instrument :
FID_C
ClientSampleId :



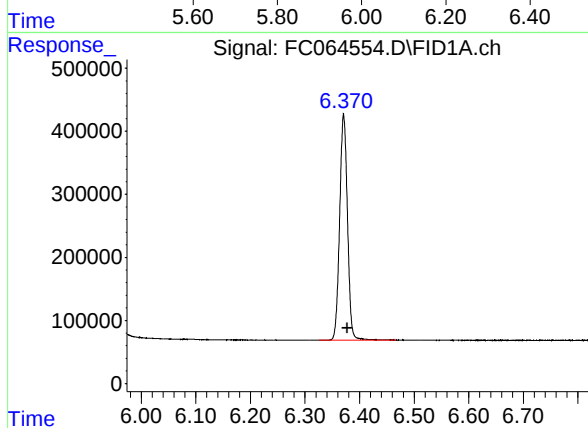
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: -0.007 min
Response: 3504276
Conc: 19.98 ug/ml



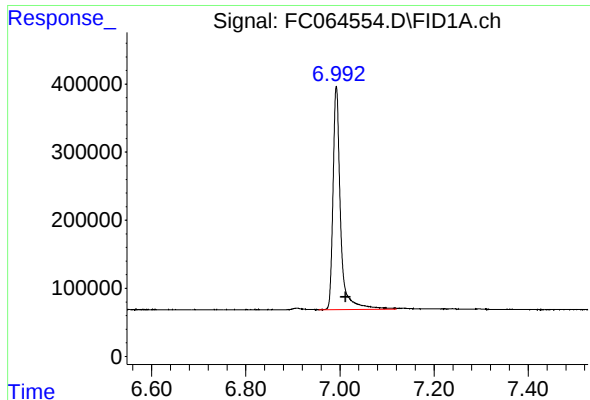
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.014 min
Response: 3721647
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

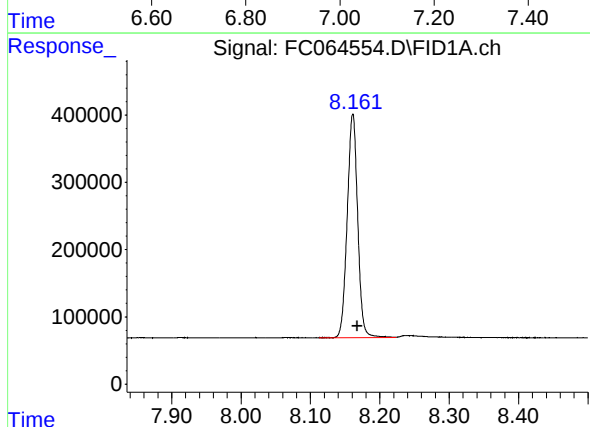
R.T.: 6.371 min
Delta R.T.: -0.006 min
Response: 3557211
Conc: 19.96 ug/ml



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

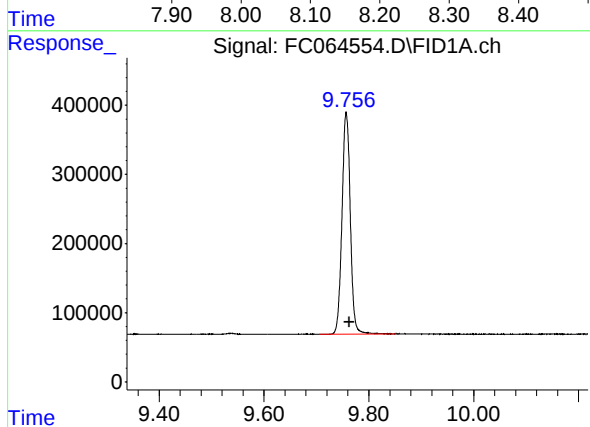
R.T.: 6.992 min
Delta R.T.: -0.019 min
Response: 3637348
Conc: 20.45 ug/ml

Instrument :
FID_C
ClientSampleId :



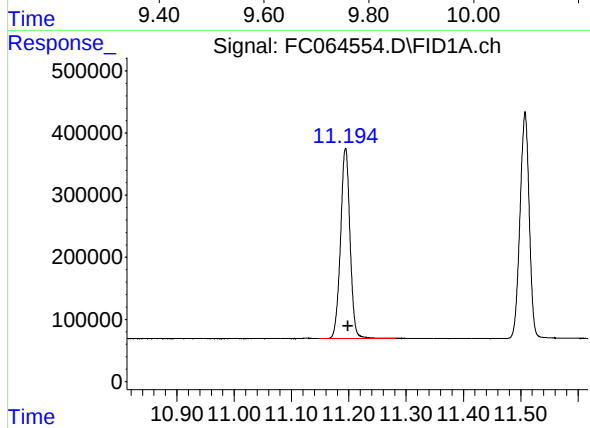
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: -0.006 min
Response: 3486285
Conc: 19.98 ug/ml



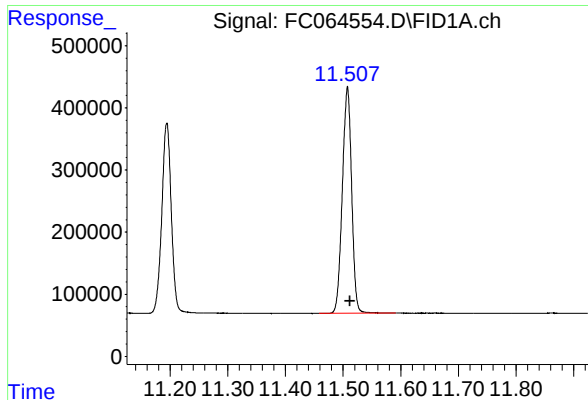
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: -0.006 min
Response: 3522456
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

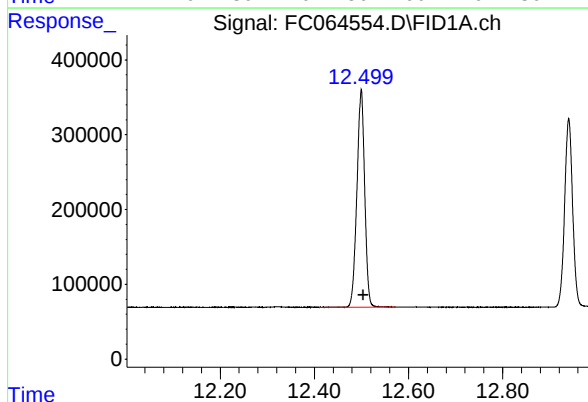
R.T.: 11.194 min
Delta R.T.: -0.004 min
Response: 3516172
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

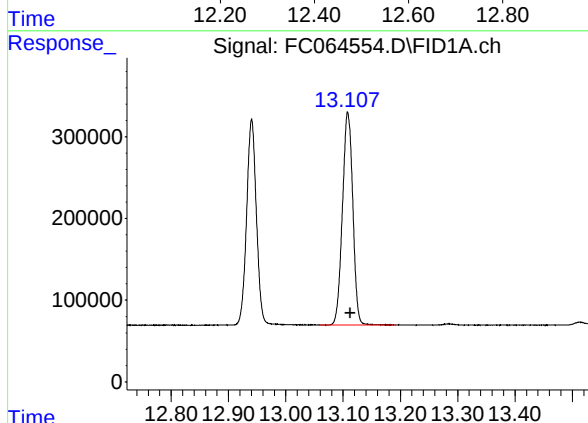
R.T.: 11.508 min
Delta R.T.: -0.004 min
Response: 4088502
Conc: 19.26 ug/ml

Instrument :
FID_C
ClientSampleId :



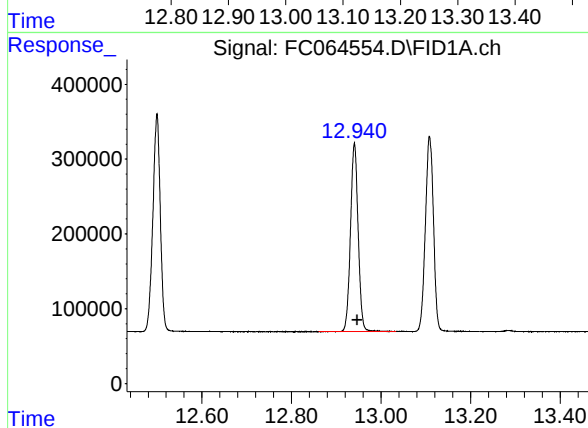
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.004 min
Response: 3354066
Conc: 19.83 ug/ml



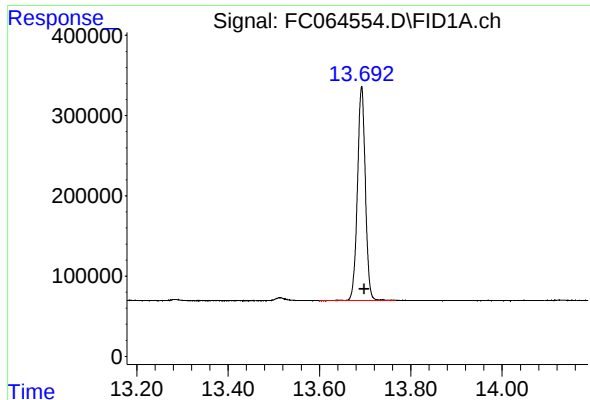
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.005 min
Response: 3271467
Conc: 19.60 ug/ml



#12 1-chlorooctadecane (SURR)

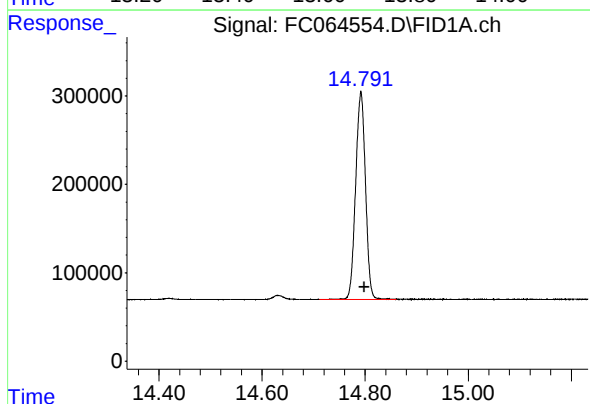
R.T.: 12.941 min
Delta R.T.: -0.007 min
Response: 2990640
Conc: 19.61 ug/ml



#13 n-Docosane (C22)

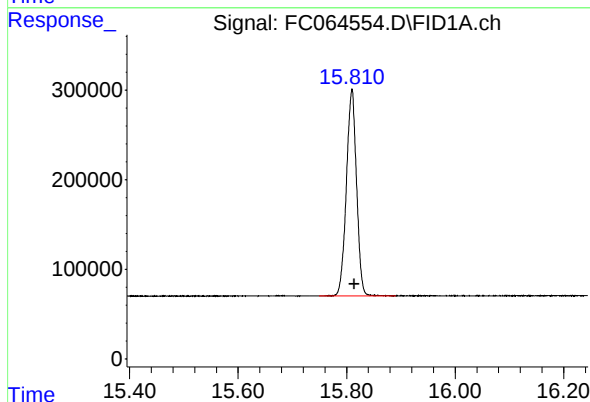
R.T.: 13.693 min
Delta R.T.: -0.006 min
Response: 3216886
Conc: 19.72 ug/ml

Instrument :
FID_C
ClientSampleId :



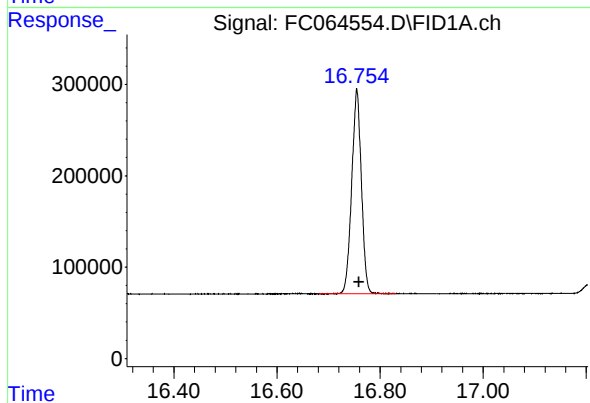
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: -0.006 min
Response: 3108679
Conc: 19.52 ug/ml



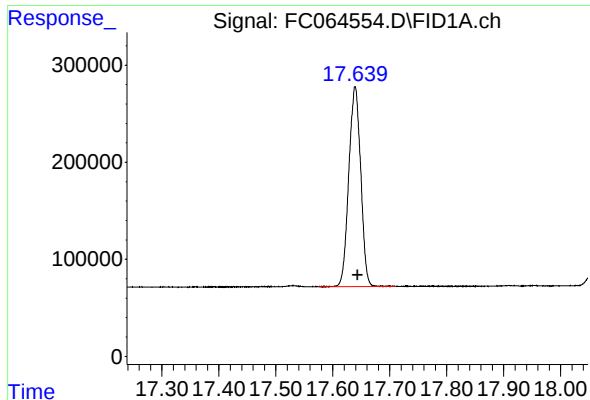
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: -0.004 min
Response: 2990104
Conc: 19.35 ug/ml



#16 n-Octacosane (C28)

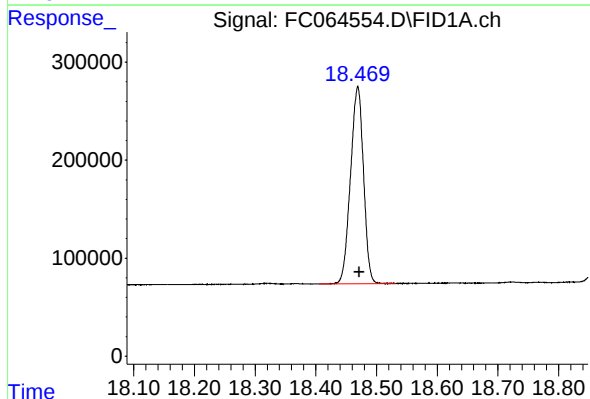
R.T.: 16.755 min
Delta R.T.: -0.004 min
Response: 2919050
Conc: 19.72 ug/ml



#17 n-Tricontane (C30)

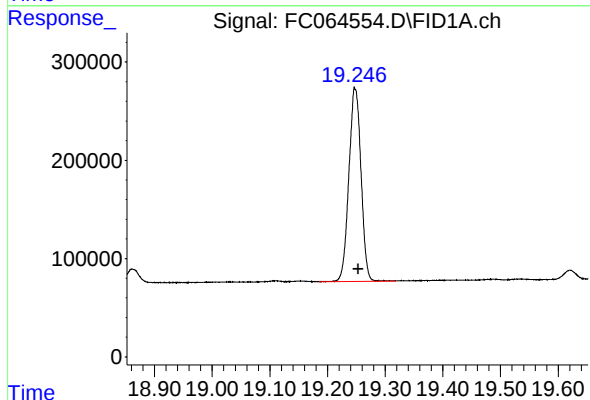
R.T.: 17.639 min
Delta R.T.: -0.005 min
Response: 2989952
Conc: 20.47 ug/ml

Instrument :
FID_C
ClientSampleId :



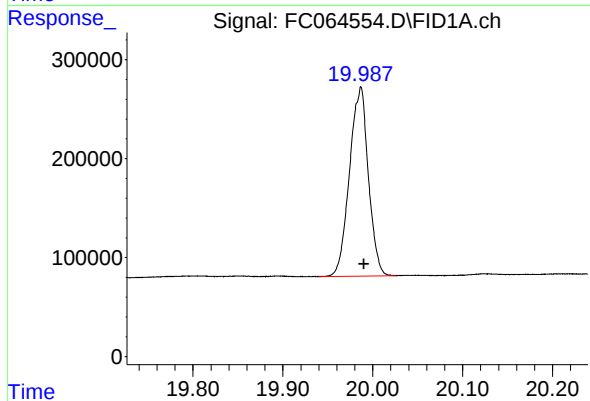
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.003 min
Response: 2991113
Conc: 21.18 ug/ml



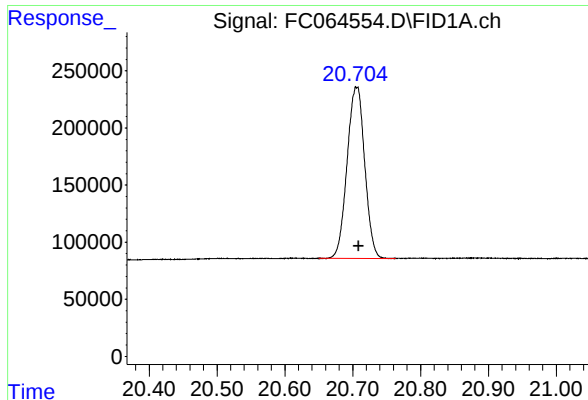
#19 n-Tetatriacontane (C34)

R.T.: 19.248 min
Delta R.T.: -0.006 min
Response: 2875160
Conc: 21.52 ug/ml



#20 n-Hexatriacontane (C36)

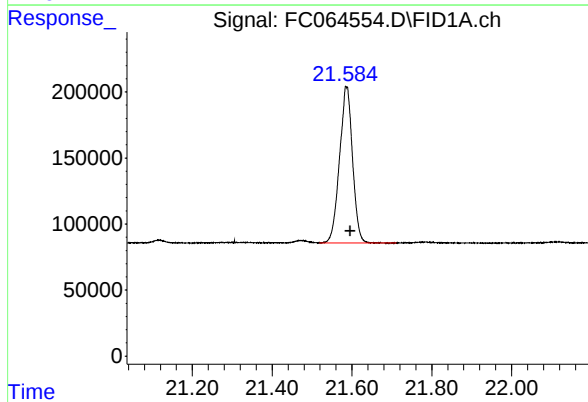
R.T.: 19.987 min
Delta R.T.: -0.003 min
Response: 2779997
Conc: 21.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.706 min
Delta R.T.: -0.003 min
Response: 2710363
Conc: 22.07 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.586 min
Delta R.T.: -0.010 min
Response: 2675590
Conc: 23.04 ug/ml