

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080724AL\
 Data File : FC066955.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2024 20:12
 Operator : YP/AJ
 Sample : P3464-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TOPSOILMSD

Integration File: autoint1.e
 Quant Time: Aug 08 02:12:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 2024
 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...	12.953	3048365	27.262 ug/ml
Spiked Amount 50.000		Recovery =	54.52%
Target Compounds			
1) T n-Nonane (C9)	3.281	3007347	21.194 ug/ml
2) T n-Decane (C10)	4.348	3645507	24.660 ug/ml
4) T n-Dodecane (C12)	6.366	4277687	28.534 ug/ml
6) T n-Tetradecane (C14)	8.161	5148430	35.188 ug/ml
7) T n-Hexadecane (C16)	9.762	5562977	37.169 ug/ml
8) T n-Octadecane (C18)	11.202	5690447	38.346 ug/ml
10) T n-Eicosane (C20)	12.512	5657578	40.590 ug/ml
11) T n-Heneicosane (C21)	13.123	5444280	39.970 ug/ml
13) T n-Docosane (C22)	13.709	5359463	39.901 ug/ml
14) T n-Tetracosane (C24)	14.812	5251783	39.483 ug/ml
15) T n-Hexacosane (C26)	15.832	5169813	39.732 ug/ml
16) T n-Octacosane (C28)	16.781	5004307	39.668 ug/ml
17) T n-Tricontane (C30)	17.667	5023080	39.062 ug/ml
18) T n-Dotriacontane (C32)	18.500	4883432	38.790 ug/ml
19) T n-Tetratriacontane (C34)	19.282	4760169	38.477 ug/ml
20) T n-Hexatriacontane (C36)	20.022	4384512	37.692 ug/ml
21) T n-Octatriacontane (C38)	20.749	4261304	38.353 ug/ml
22) T n-Tetracontane (C40)	21.643	3884780	35.734 ug/ml

(f)=RT Delta > 1/2 Window

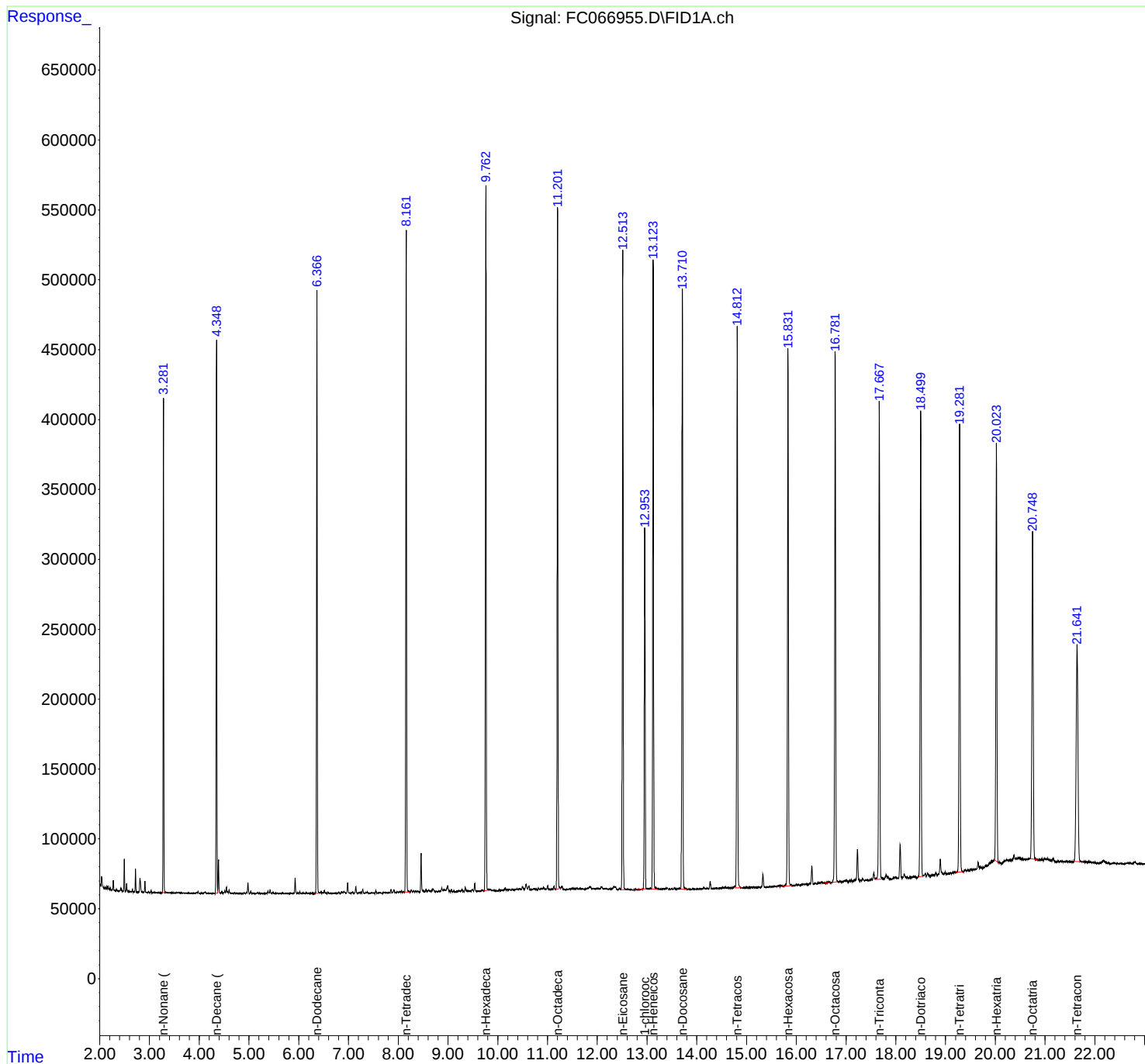
(m)=manual int.

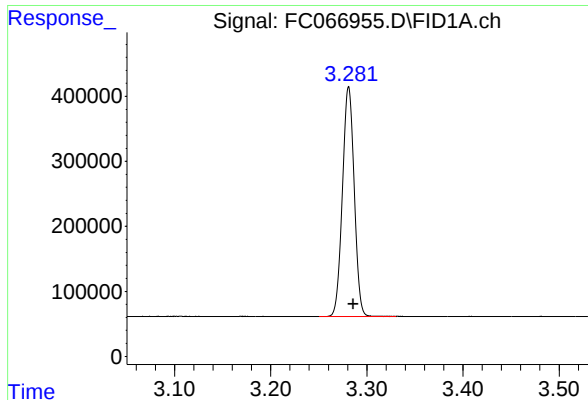
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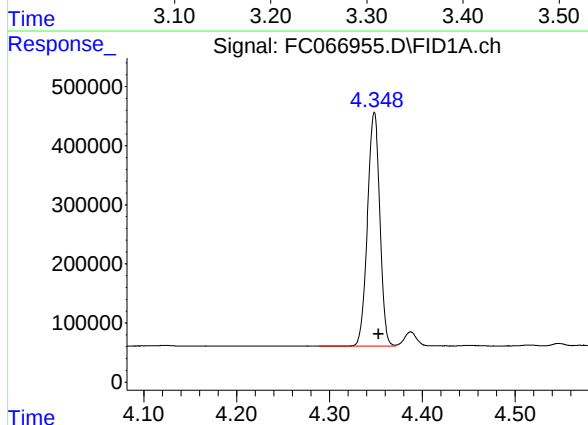




#1 n-Nonane (C9)

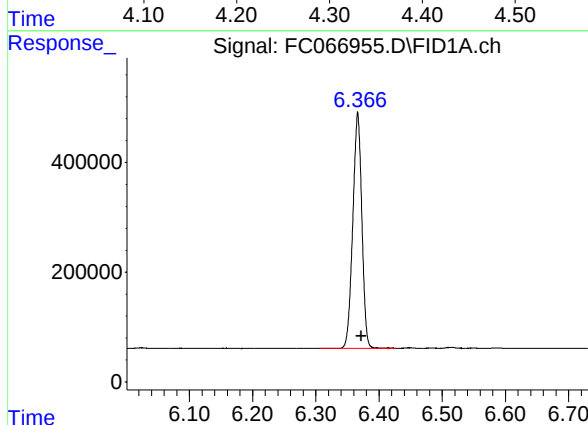
R.T.: 3.281 min
Delta R.T.: -0.005 min
Response: 3007347
Conc: 21.19 ug/ml

Instrument :
FID_C
ClientSampleId :
TOPSOILMSD



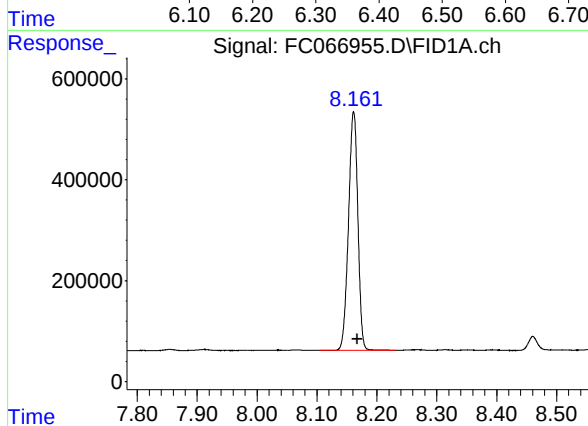
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.005 min
Response: 3645507
Conc: 24.66 ug/ml



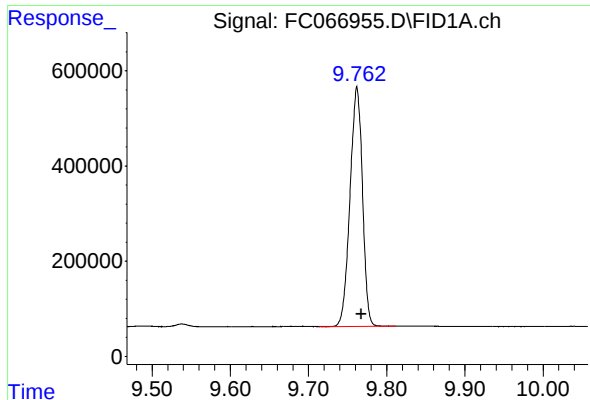
#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: -0.006 min
Response: 4277687
Conc: 28.53 ug/ml



#6 n-Tetradecane (C14)

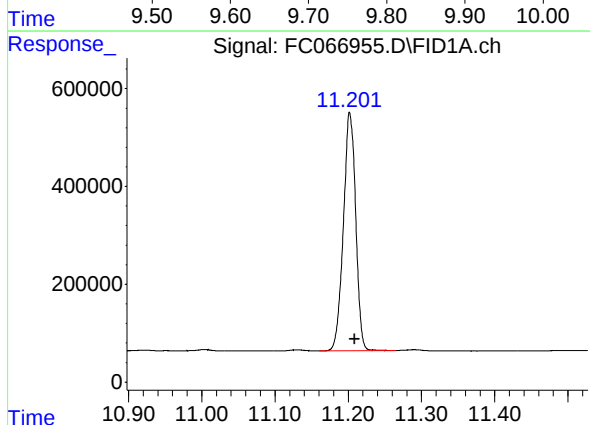
R.T.: 8.161 min
Delta R.T.: -0.006 min
Response: 5148430
Conc: 35.19 ug/ml



#7 n-Hexadecane (C16)

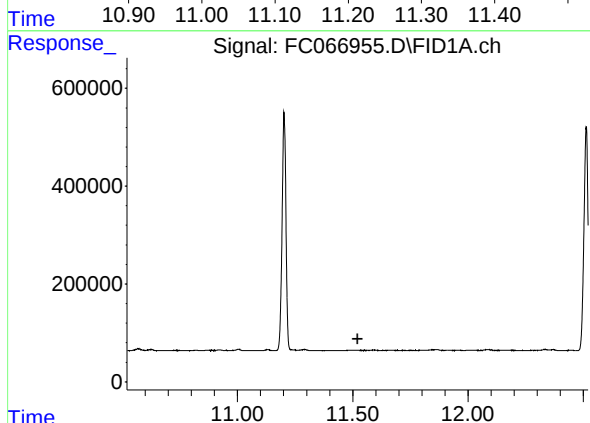
R.T.: 9.762 min
Delta R.T.: -0.006 min
Response: 5562977
Conc: 37.17 ug/ml

Instrument :
FID_C
ClientSampleId :
TOPSOILMSD



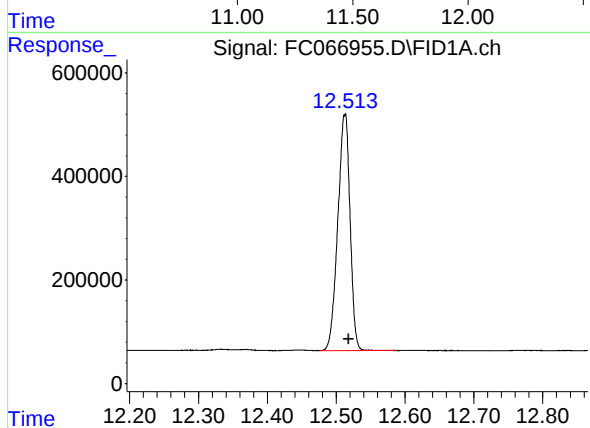
#8 n-Octadecane (C18)

R.T.: 11.202 min
Delta R.T.: -0.006 min
Response: 5690447
Conc: 38.35 ug/ml



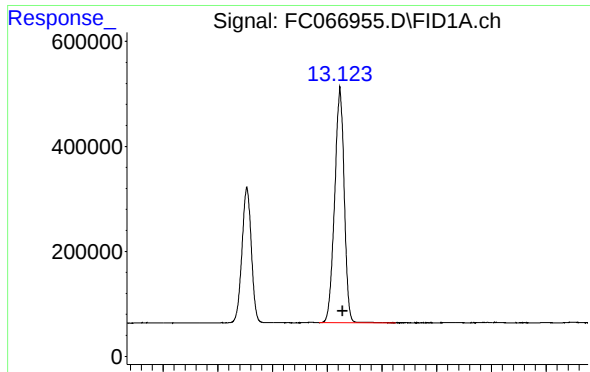
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.521 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

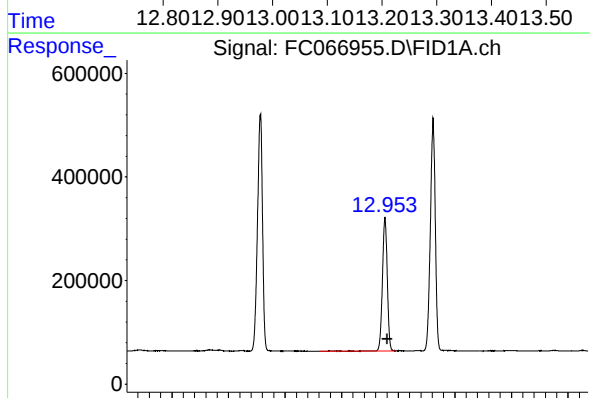
R.T.: 12.512 min
Delta R.T.: -0.005 min
Response: 5657578
Conc: 40.59 ug/ml



#11 n-Heneicosane (C21)

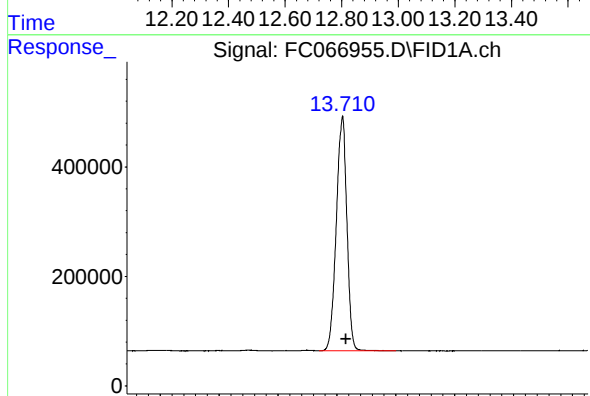
R.T.: 13.123 min
Delta R.T.: -0.005 min
Response: 5444280
Conc: 39.97 ug/ml

Instrument :
FID_C
ClientSampleId :
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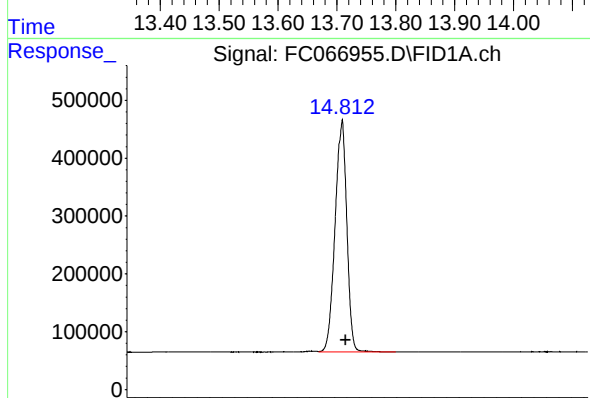
#12 1-chlorooctadecane (SURR)

R.T.: 12.953 min
Delta R.T.: -0.008 min
Response: 3048365
Conc: 27.26 ug/ml



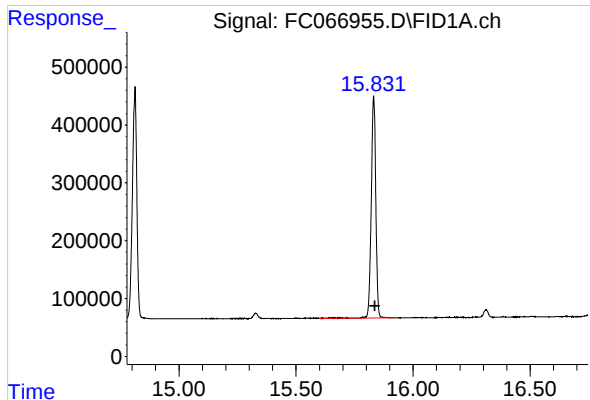
#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: -0.006 min
Response: 5359463
Conc: 39.90 ug/ml



#14 n-Tetracosane (C24)

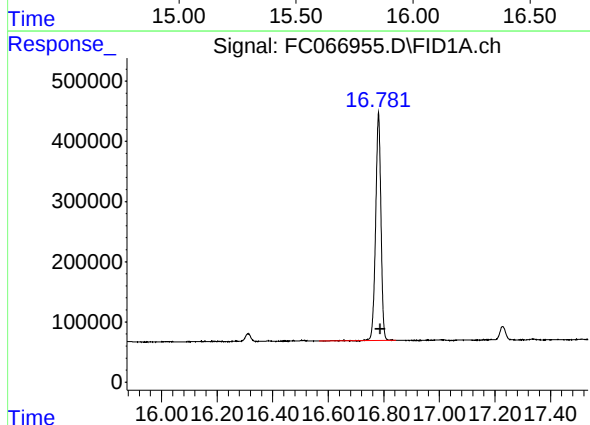
R.T.: 14.812 min
Delta R.T.: -0.006 min
Response: 5251783
Conc: 39.48 ug/ml



#15 n-Hexacosane (C26)

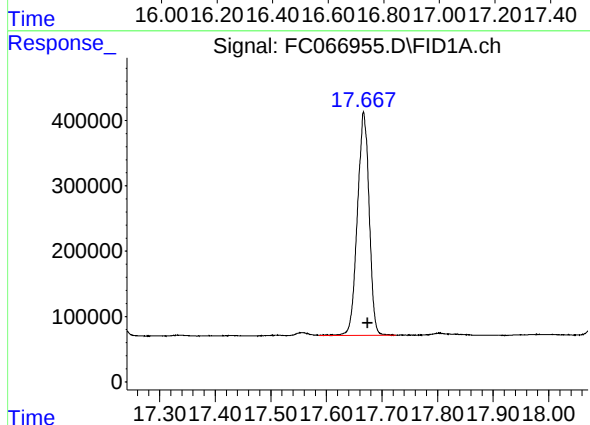
R.T.: 15.832 min
Delta R.T.: -0.007 min
Response: 5169813
Conc: 39.73 ug/ml

Instrument :
FID_C
ClientSampleId :
TOPSOILMSD



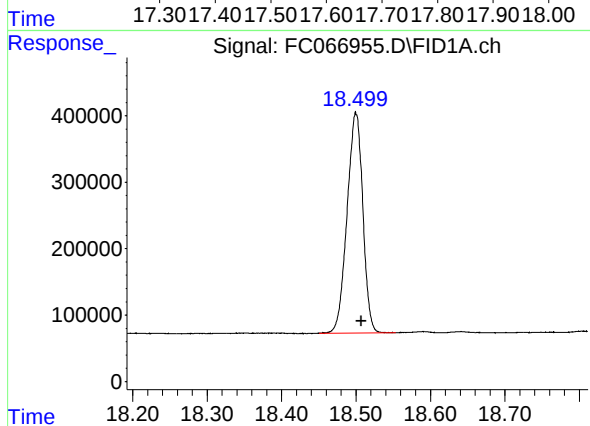
#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: -0.006 min
Response: 5004307
Conc: 39.67 ug/ml



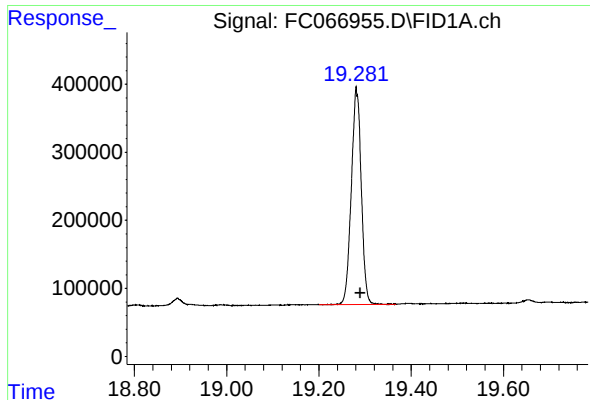
#17 n-Tricontane (C30)

R.T.: 17.667 min
Delta R.T.: -0.007 min
Response: 5023080
Conc: 39.06 ug/ml



#18 n-Dotriacontane (C32)

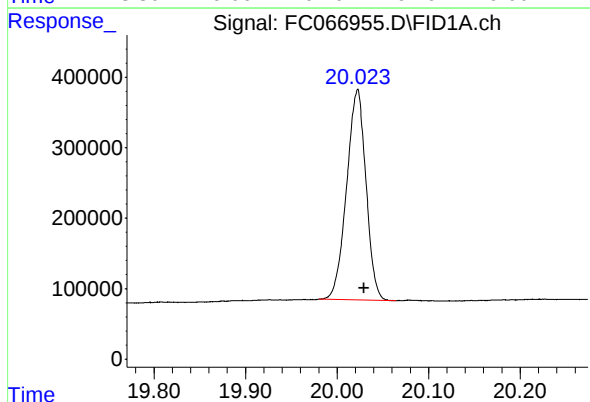
R.T.: 18.500 min
Delta R.T.: -0.007 min
Response: 4883432
Conc: 38.79 ug/ml



#19 n-Tetratriacontane (C34)

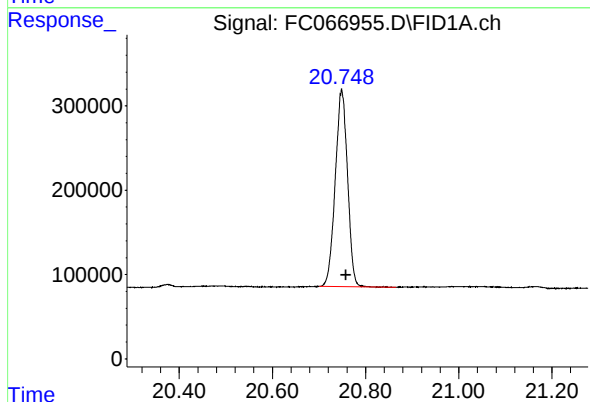
R.T.: 19.282 min
Delta R.T.: -0.008 min
Response: 4760169
Conc: 38.48 ug/ml

Instrument :
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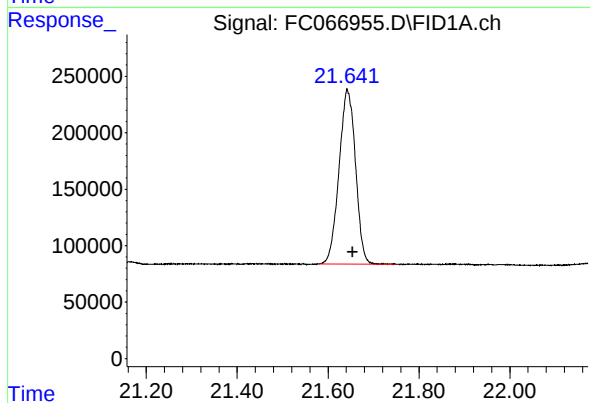
#20 n-Hexatriacontane (C36)

R.T.: 20.022 min
Delta R.T.: -0.007 min
Response: 4384512
Conc: 37.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.749 min
Delta R.T.: -0.009 min
Response: 4261304
Conc: 38.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.643 min
Delta R.T.: -0.012 min
Response: 3884780
Conc: 35.73 ug/ml