

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092123AL\
 Data File : FC064641.D
 Signal(s) : FID1A.ch
 Acq On : 21 Sep 2023 23:07
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 22 00:39:10 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)	11.512	4137891	20.450 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
12) S 1-chlorooctadecane (S...	12.945	3018388	20.723 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
Target Compounds			
1) T n-Nonane (C9)	3.313	3499500	19.803 ug/ml
2) T n-Decane (C10)	4.372	3559674	19.815 ug/ml
3) T A~Naphthalene (C11.7)	5.951	3737623	19.895 ug/ml
4) T n-Dodecane (C12)	6.380	3612568	19.889 ug/ml
5) T A~2-methylnaphthalene...	7.004	3599230	20.182 ug/ml
6) T n-Tetradecane (C14)	8.169	3518368	19.829 ug/ml
7) T n-Hexadecane (C16)	9.763	3535352	19.668 ug/ml
8) T n-Octadecane (C18)	11.198	3545413	19.582 ug/ml
10) T n-Eicosane (C20)	12.502	3389957	19.901 ug/ml
11) T n-Heneicosane (C21)	13.111	3326515	20.084 ug/ml
13) T n-Docosane (C22)	13.695	3265895	20.047 ug/ml
14) T n-Tetracosane (C24)	14.793	3166832	19.947 ug/ml
15) T n-Hexacosane (C26)	15.809	3043227	19.936 ug/ml
16) T n-Octacosane (C28)	16.754	2946294	19.908 ug/ml
17) T n-Tricontane (C30)	17.638	2990671	20.132 ug/ml
18) T n-Dotriacontane (C32)	18.466	2946755	20.192 ug/ml
19) T n-Tetratriacontane (C34)	19.247	2802869	19.715 ug/ml
20) T n-Hexatriacontane (C36)	19.981	2691245	19.539 ug/ml
21) T n-Octatriacontane (C38)	20.701	2612001	19.059 ug/ml
22) T n-Tetracontane (C40)	21.579	2542720	18.693 ug/ml

(f)=RT Delta > 1/2 Window

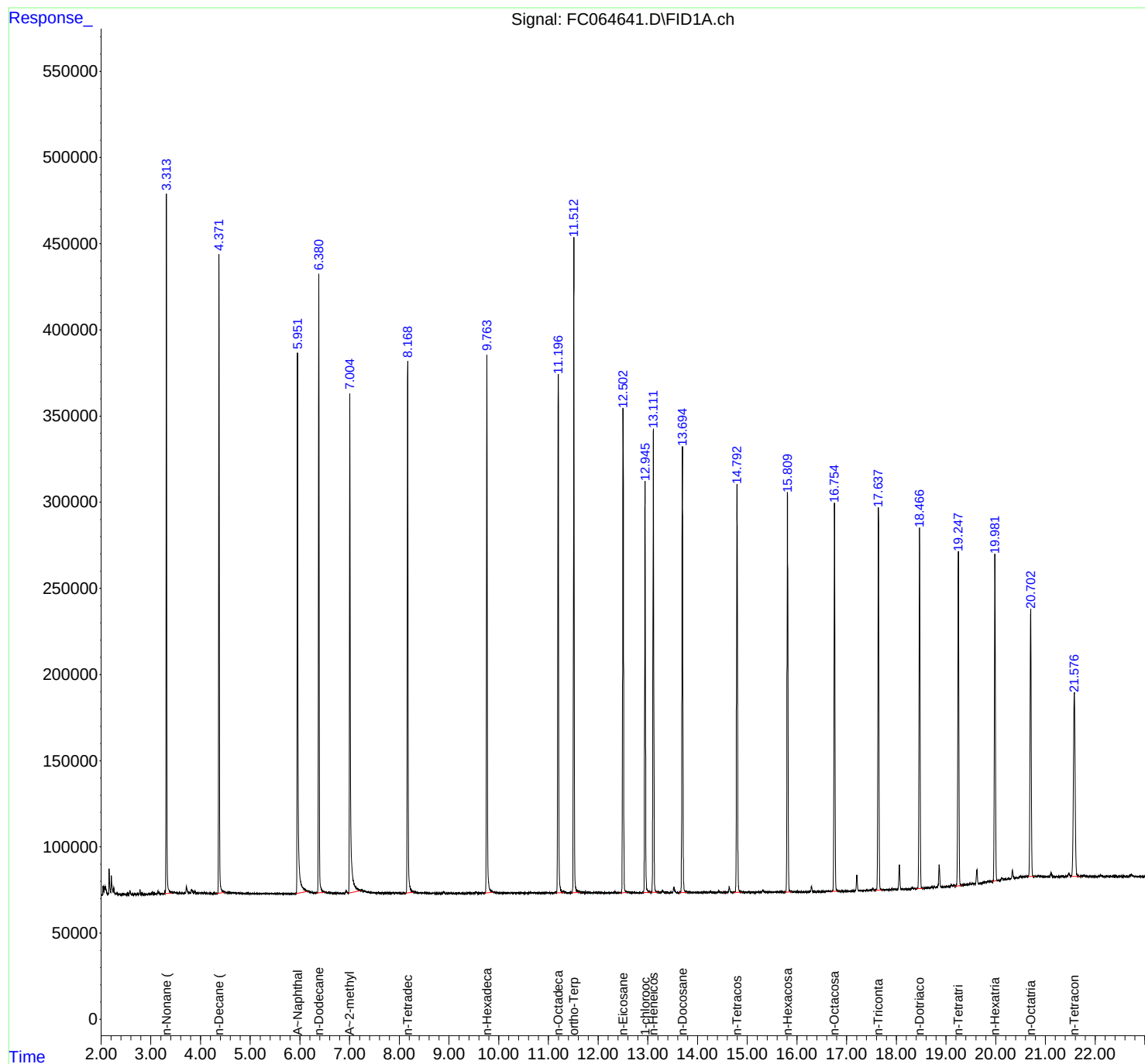
(m)=manual int.

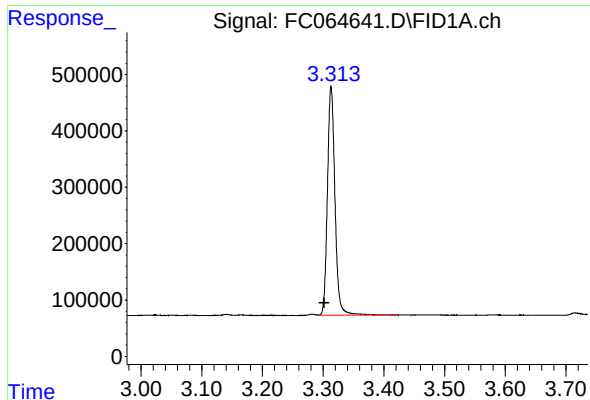
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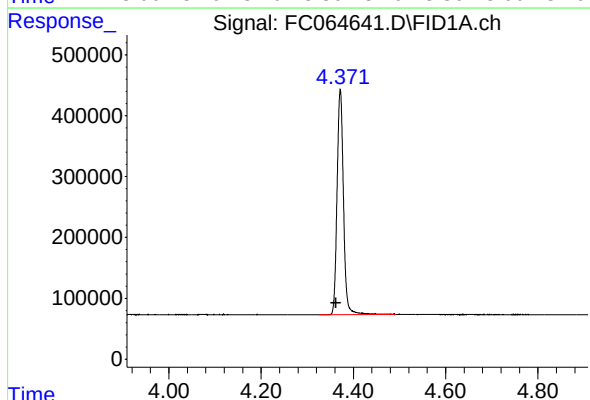




#1 n-Nonane (C9)

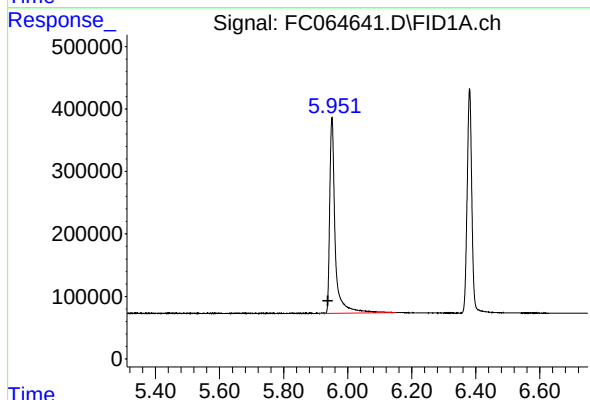
R.T.: 3.313 min
Delta R.T.: 0.011 min
Response: 3499500
Conc: 19.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



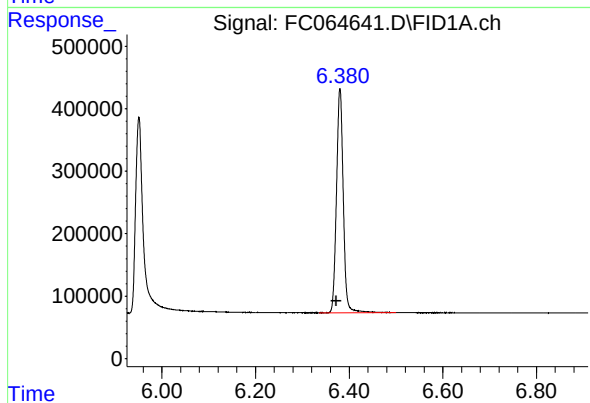
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: 0.010 min
Response: 3559674
Conc: 19.81 ug/ml



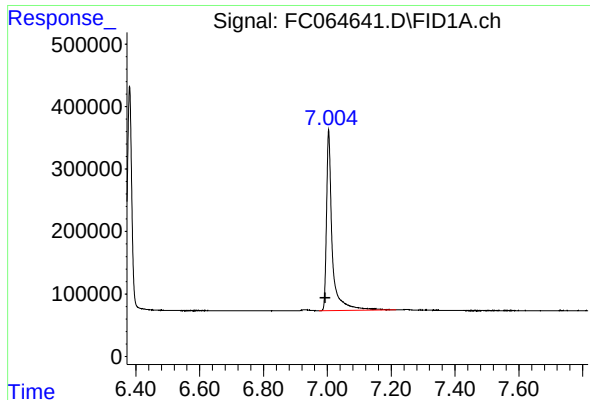
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: 0.012 min
Response: 3737623
Conc: 19.90 ug/ml



#4 n-Dodecane (C12)

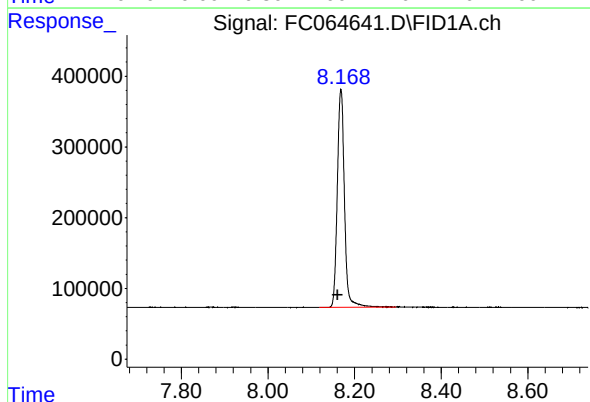
R.T.: 6.380 min
Delta R.T.: 0.008 min
Response: 3612568
Conc: 19.89 ug/ml



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

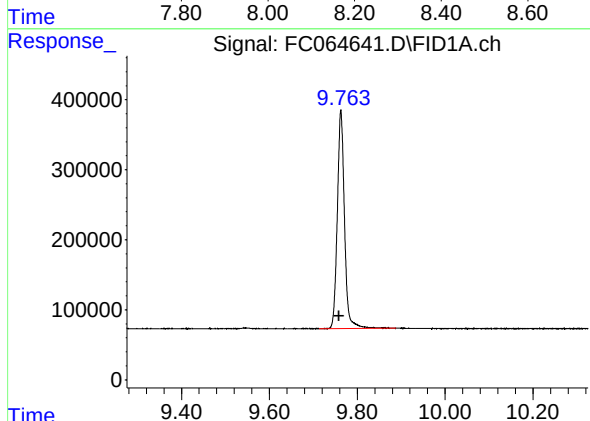
R.T.: 7.004 min
Delta R.T.: 0.011 min
Response: 3599230
Conc: 20.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



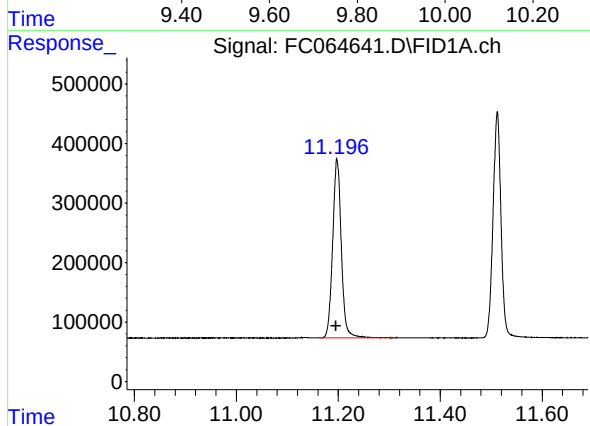
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: 0.008 min
Response: 3518368
Conc: 19.83 ug/ml



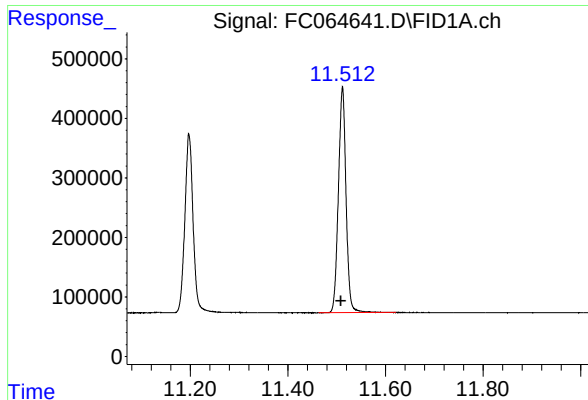
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.004 min
Response: 3535352
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

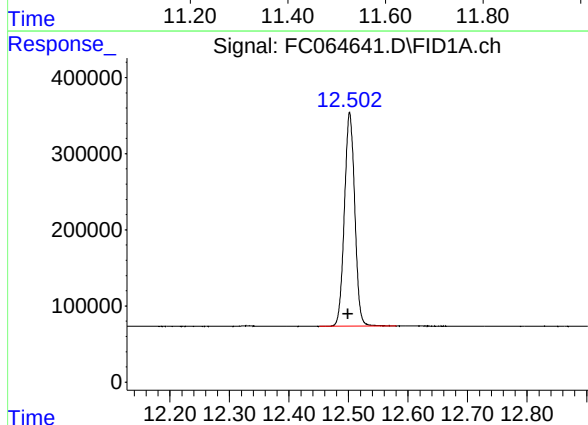
R.T.: 11.198 min
Delta R.T.: 0.002 min
Response: 3545413
Conc: 19.58 ug/ml



#9 ortho-Terphenyl (SURR)

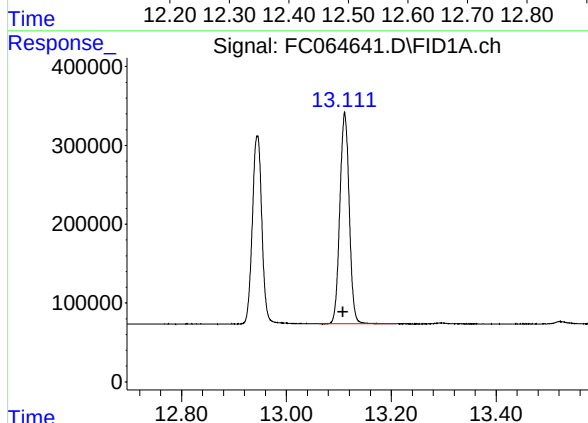
R.T.: 11.512 min
Delta R.T.: 0.004 min
Response: 4137891
Conc: 20.45 ug/ml

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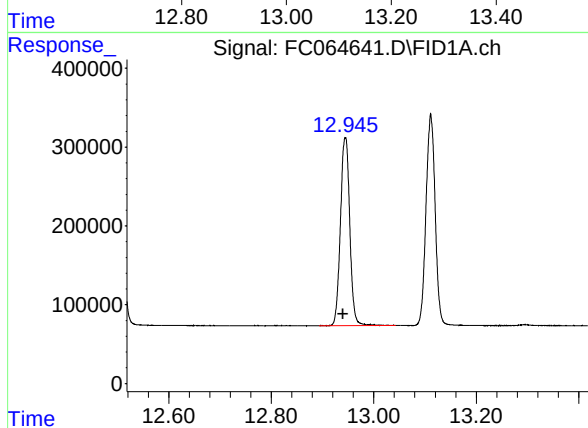
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: 0.003 min
Response: 3389957
Conc: 19.90 ug/ml



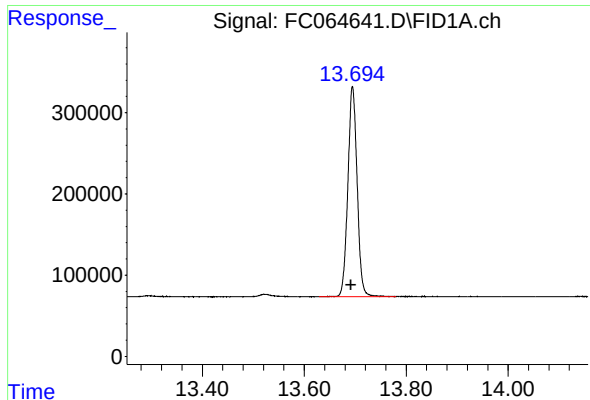
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.003 min
Response: 3326515
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

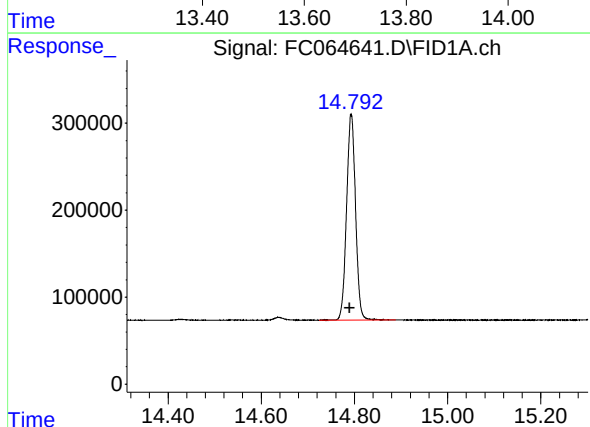
R.T.: 12.945 min
Delta R.T.: 0.004 min
Response: 3018388
Conc: 20.72 ug/ml



#13 n-Docosane (C22)

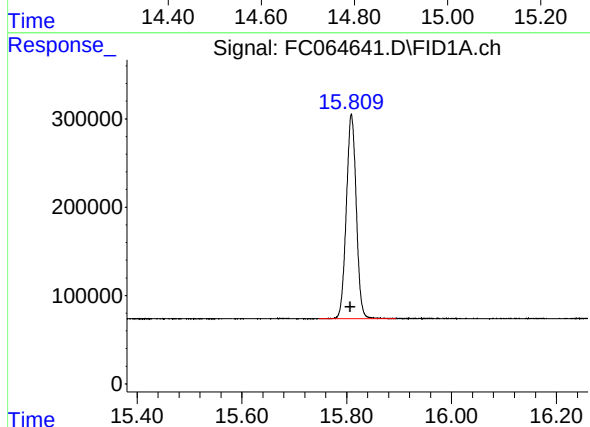
R.T.: 13.695 min
Delta R.T.: 0.003 min
Response: 3265895
Conc: 20.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



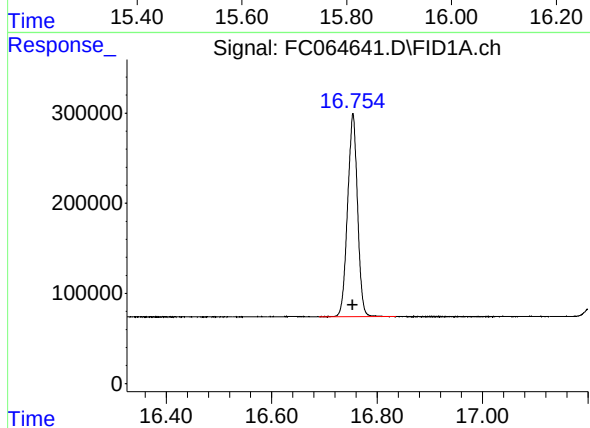
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.003 min
Response: 3166832
Conc: 19.95 ug/ml



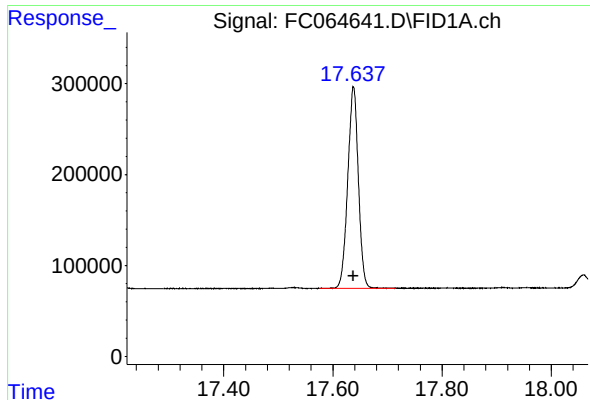
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.002 min
Response: 3043227
Conc: 19.94 ug/ml



#16 n-Octacosane (C28)

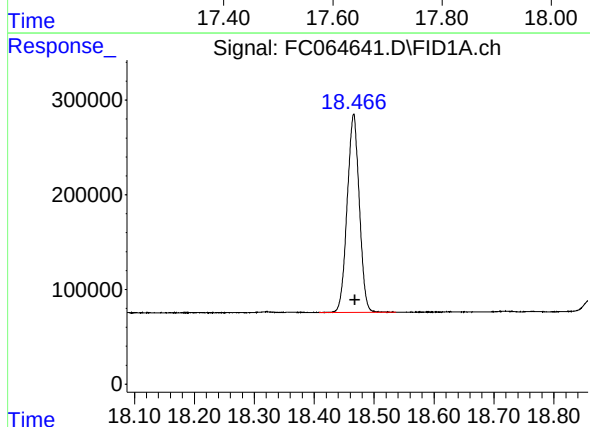
R.T.: 16.754 min
Delta R.T.: 0.000 min
Response: 2946294
Conc: 19.91 ug/ml



#17 n-Tricontane (C30)

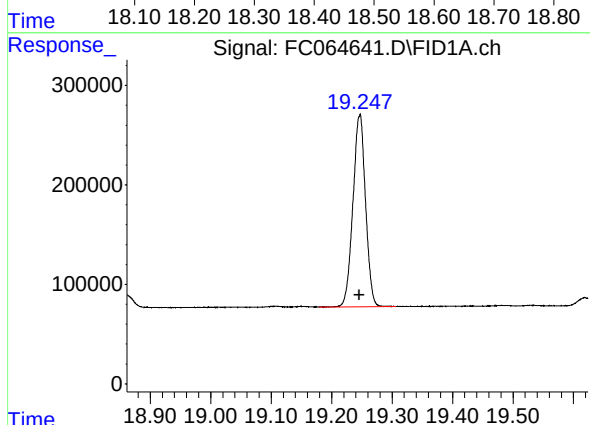
R.T.: 17.638 min
Delta R.T.: 0.000 min
Response: 2990671
Conc: 20.13 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



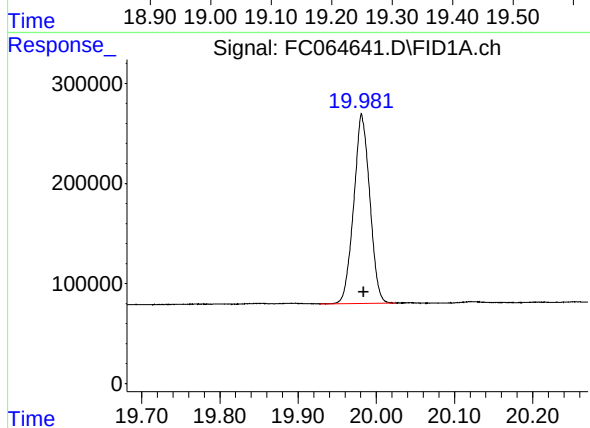
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: -0.002 min
Response: 2946755
Conc: 20.19 ug/ml



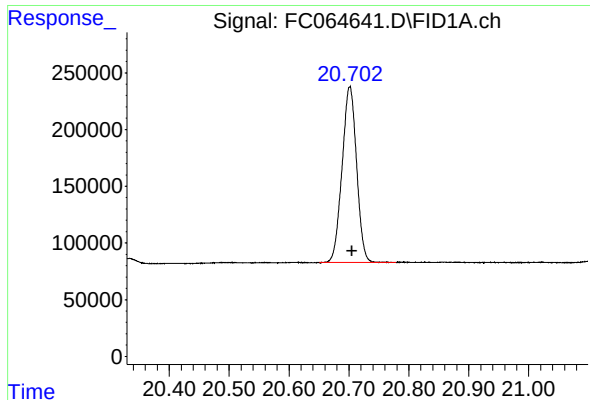
#19 n-Tetratriacontane (C34)

R.T.: 19.247 min
Delta R.T.: 0.000 min
Response: 2802869
Conc: 19.72 ug/ml



#20 n-Hexatriacontane (C36)

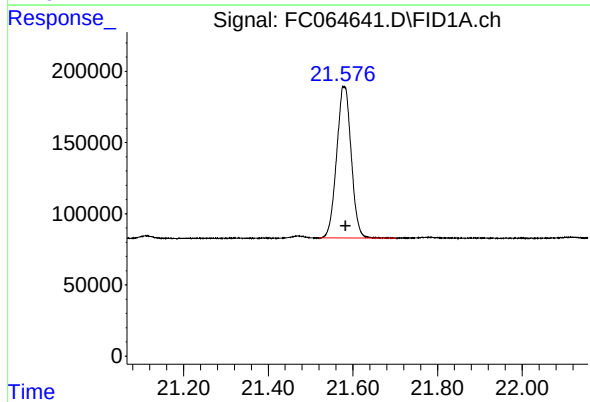
R.T.: 19.981 min
Delta R.T.: -0.002 min
Response: 2691245
Conc: 19.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: -0.004 min
Response: 2612001
Conc: 19.06 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.579 min
Delta R.T.: -0.004 min
Response: 2542720
Conc: 18.69 ug/ml