

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071123AL\
 Data File : FC064105.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jul 2023 13:13
 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: Jul 12 16:04:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.519	3691715	19.013 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	12.955	2640537	18.979 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T n-Nonane (C9)	3.306	3338726	18.720 ug/ml
2) T n-Decane (C10)	4.368	3374557	18.649 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3468643	18.596 ug/ml
4) T n-Dodecane (C12)	6.381	3359678	18.650 ug/ml
5) T A~2-methylnaphthalene...	7.003	3262003	18.535 ug/ml
6) T n-Tetradecane (C14)	8.171	3227469	18.657 ug/ml
7) T n-Hexadecane (C16)	9.768	3242068	18.664 ug/ml
8) T n-Octadecane (C18)	11.205	3251575	18.867 ug/ml
10) T n-Eicosane (C20)	12.512	3078529	18.858 ug/ml
11) T n-Heneicosane (C21)	13.122	2998794	18.716 ug/ml
13) T n-Docosane (C22)	13.705	2964023	18.863 ug/ml
14) T n-Tetracosane (C24)	14.804	2919296	18.521 ug/ml
15) T n-Hexacosane (C26)	15.822	2852774	18.882 ug/ml
16) T n-Octacosane (C28)	16.769	2806978	18.629 ug/ml
17) T n-Tricontane (C30)	17.652	2887020	18.492 ug/ml
18) T n-Dotriacontane (C32)	18.482	2888197	18.282 ug/ml
19) T n-Tetratriacontane (C34)	19.263	2855769	18.559 ug/ml
20) T n-Hexatriacontane (C36)	20.001	2795512	18.935 ug/mlm
21) T n-Octatriacontane (C38)	20.721	2806405	18.946 ug/ml
22) T n-Tetracontane (C40)	21.609	2781652	19.084 ug/ml

(f)=RT Delta > 1/2 Window

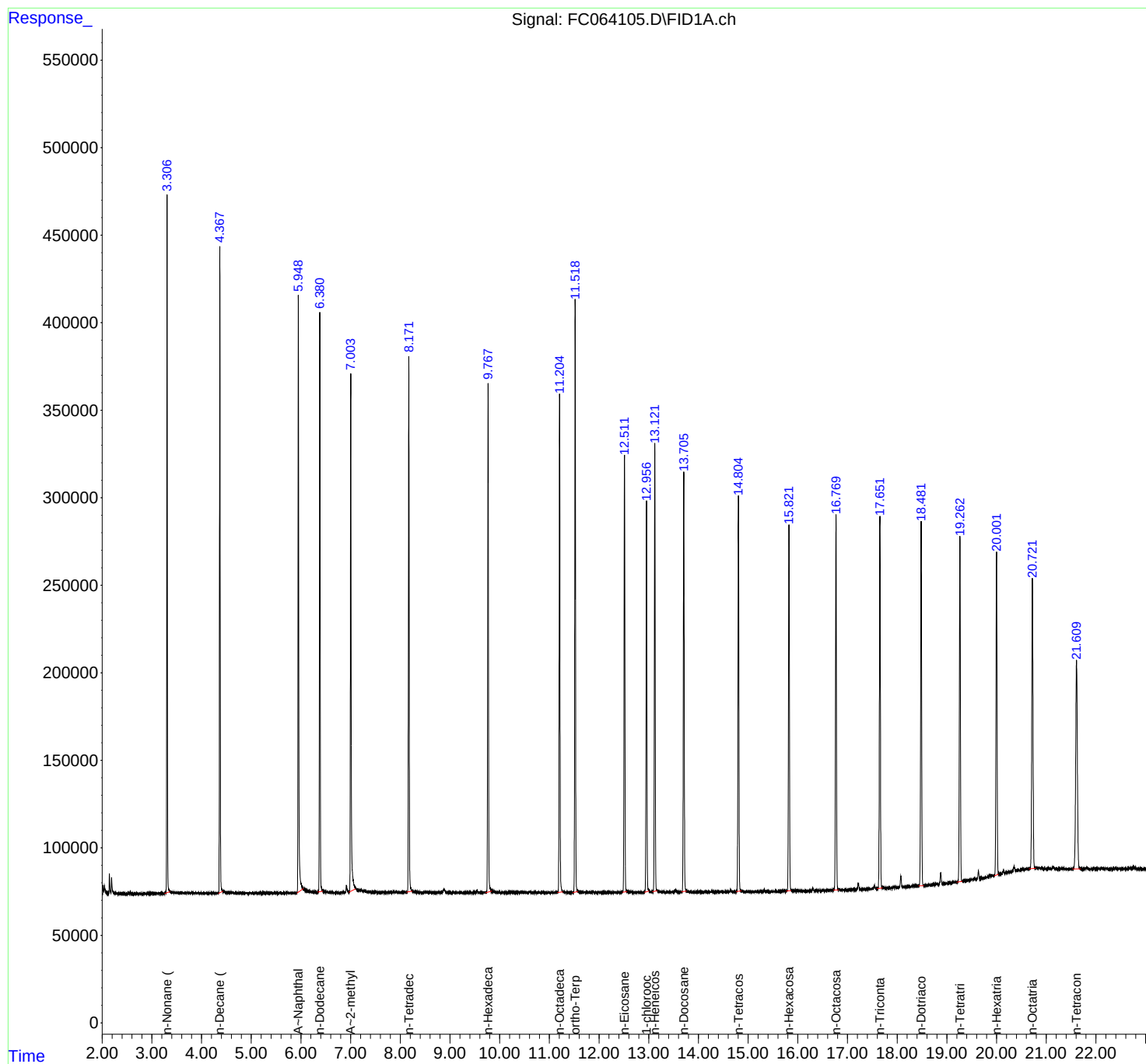
(m)=manual int.

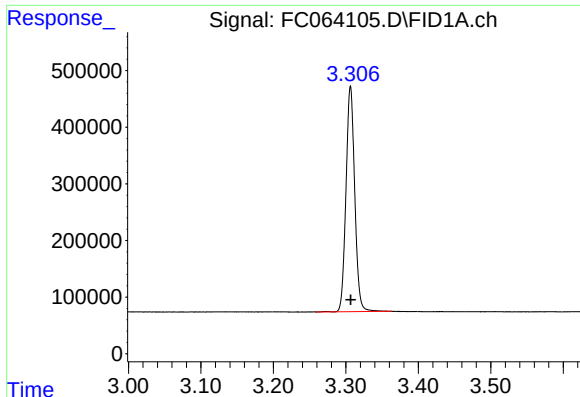
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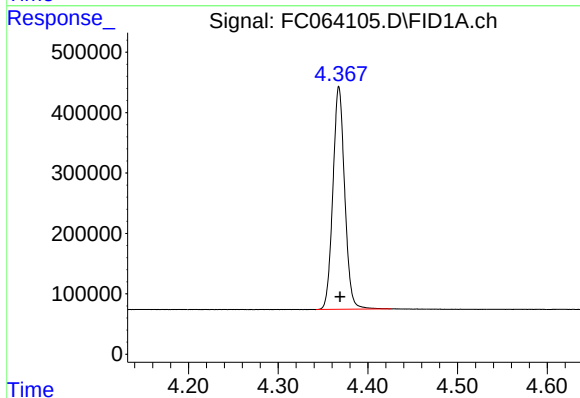




#1 n-Nonane (C9)

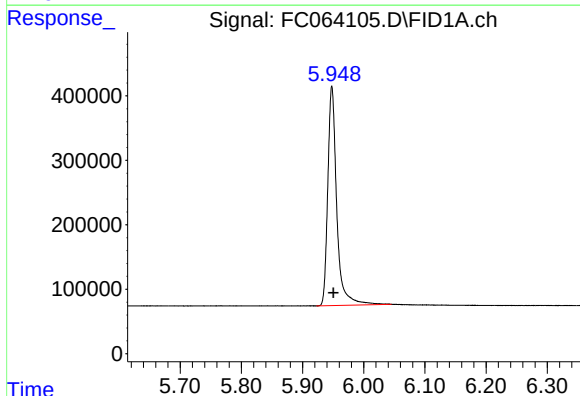
R.T.: 3.306 min
Delta R.T.: 0.000 min
Response: 3338726
Conc: 18.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



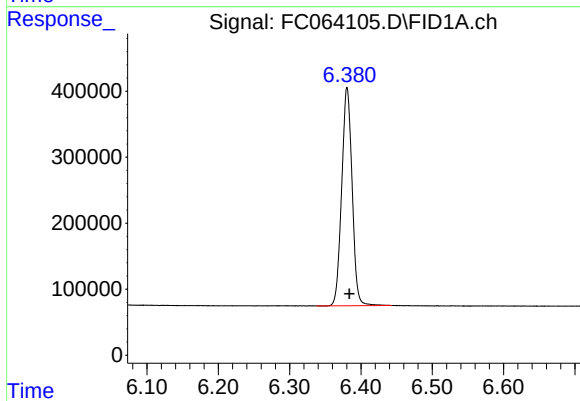
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 3374557
Conc: 18.65 ug/ml



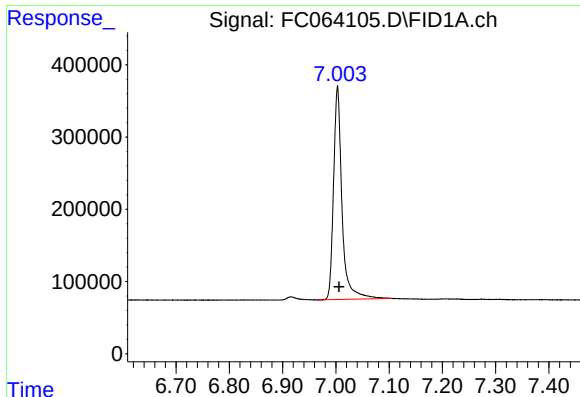
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 3468643
Conc: 18.60 ug/ml



#4 n-Dodecane (C12)

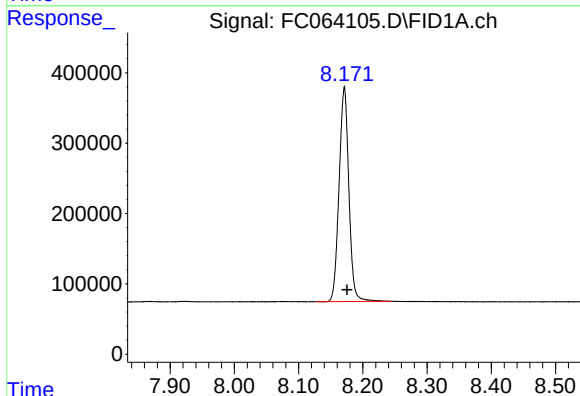
R.T.: 6.381 min
Delta R.T.: -0.003 min
Response: 3359678
Conc: 18.65 ug/ml



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

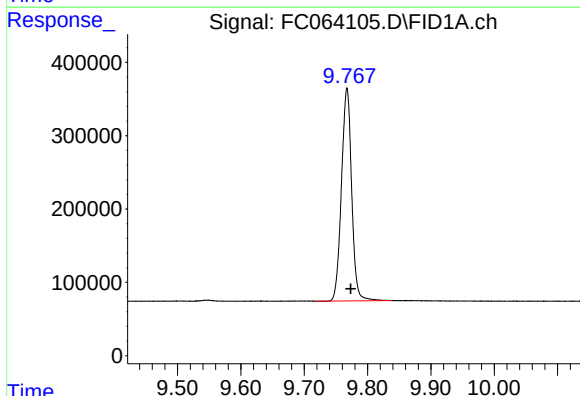
R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 3262003
Conc: 18.54 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



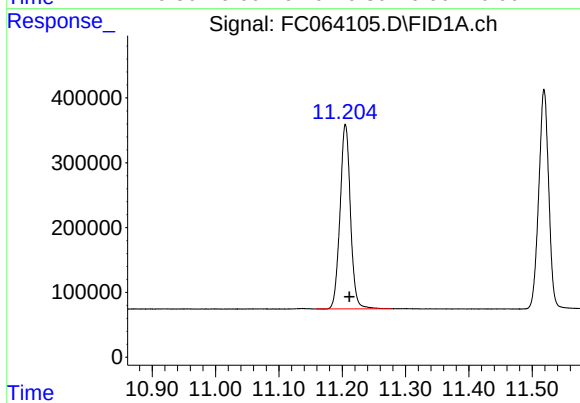
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.004 min
Response: 3227469
Conc: 18.66 ug/ml



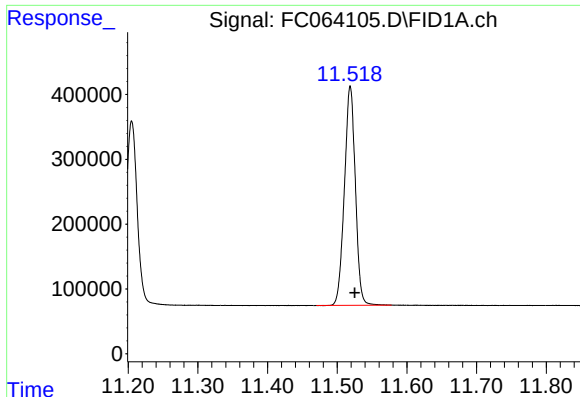
#7 n-Hexadecane (C16)

R.T.: 9.768 min
Delta R.T.: -0.006 min
Response: 3242068
Conc: 18.66 ug/ml



#8 n-Octadecane (C18)

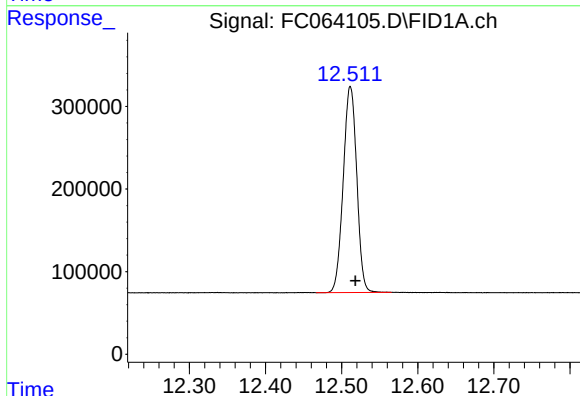
R.T.: 11.205 min
Delta R.T.: -0.006 min
Response: 3251575
Conc: 18.87 ug/ml



#9 ortho-Terphenyl (SURR)

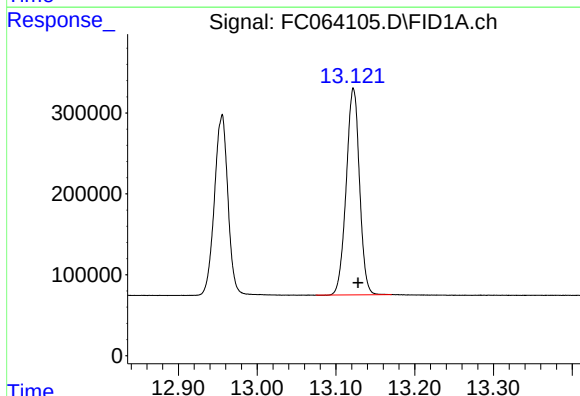
R.T.: 11.519 min
Delta R.T.: -0.006 min
Response: 3691715
Conc: 19.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



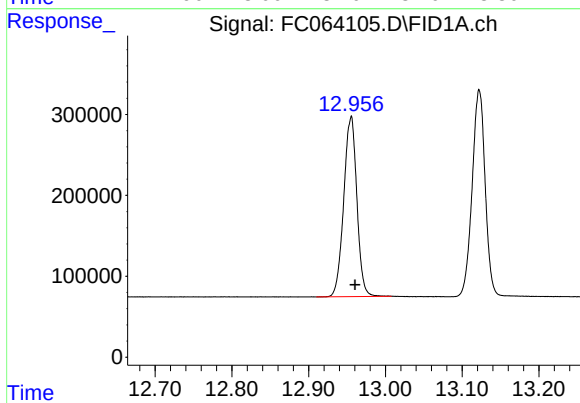
#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: -0.007 min
Response: 3078529
Conc: 18.86 ug/ml



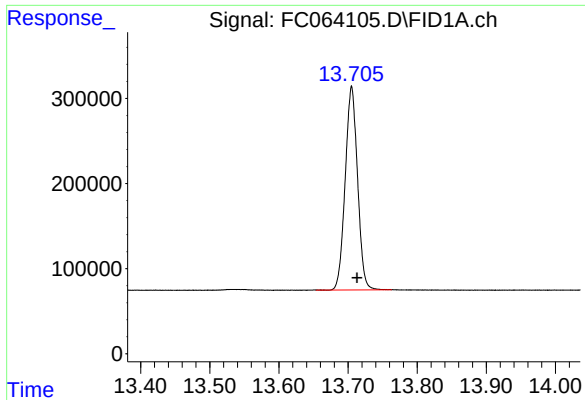
#11 n-Heneicosane (C21)

R.T.: 13.122 min
Delta R.T.: -0.006 min
Response: 2998794
Conc: 18.72 ug/ml



#12 1-chlorooctadecane (SURR)

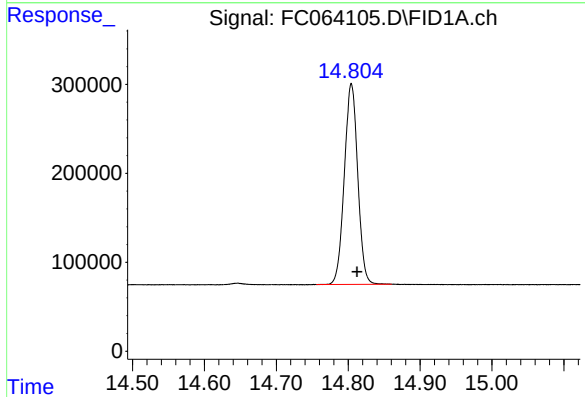
R.T.: 12.955 min
Delta R.T.: -0.005 min
Response: 2640537
Conc: 18.98 ug/ml



#13 n-Docosane (C22)

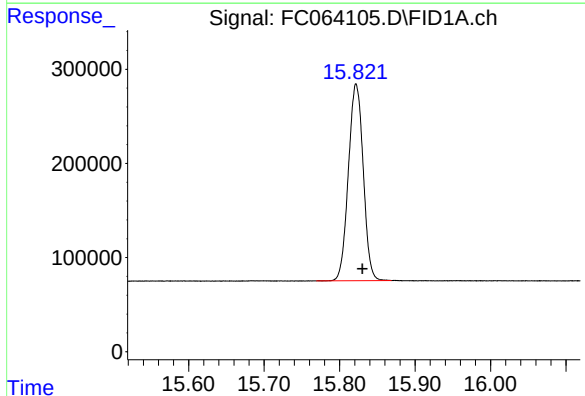
R.T.: 13.705 min
Delta R.T.: -0.008 min
Response: 2964023
Conc: 18.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



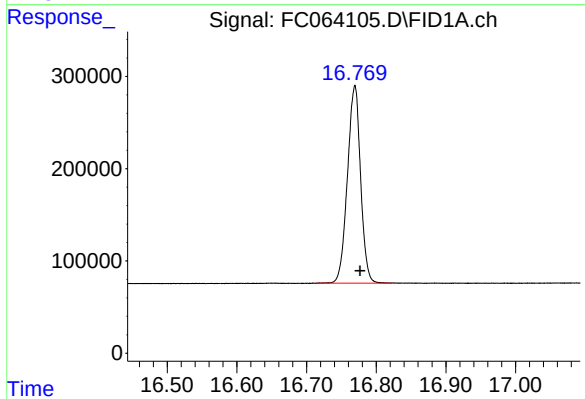
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: -0.008 min
Response: 2919296
Conc: 18.52 ug/ml



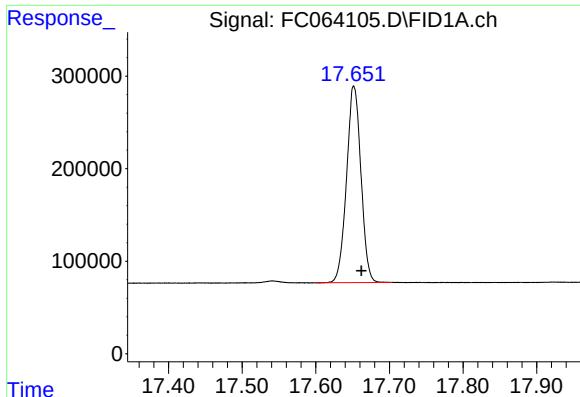
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: -0.008 min
Response: 2852774
Conc: 18.88 ug/ml



#16 n-Octacosane (C28)

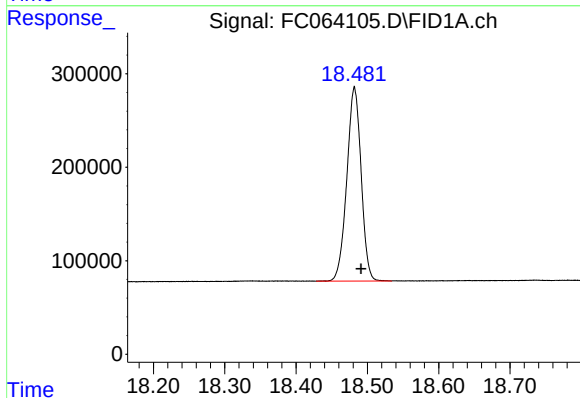
R.T.: 16.769 min
Delta R.T.: -0.007 min
Response: 2806978
Conc: 18.63 ug/ml



#17 n-Tricontane (C30)

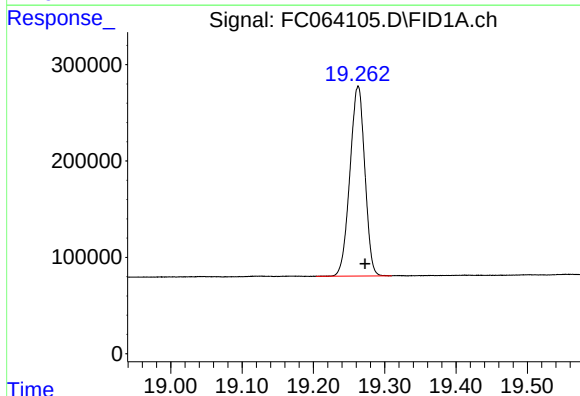
R.T.: 17.652 min
Delta R.T.: -0.011 min
Response: 2887020
Conc: 18.49 ug/ml

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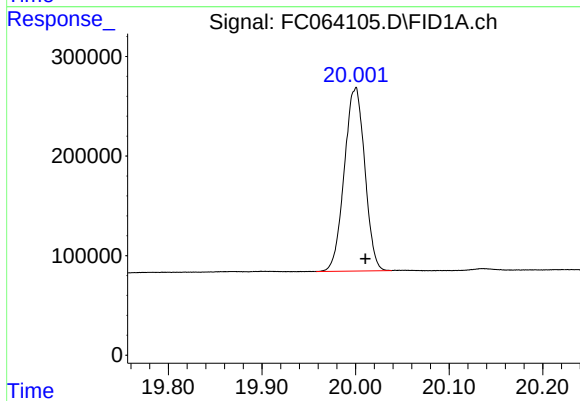
#18 n-Dotriacontane (C32)

R.T.: 18.482 min
Delta R.T.: -0.009 min
Response: 2888197
Conc: 18.28 ug/ml



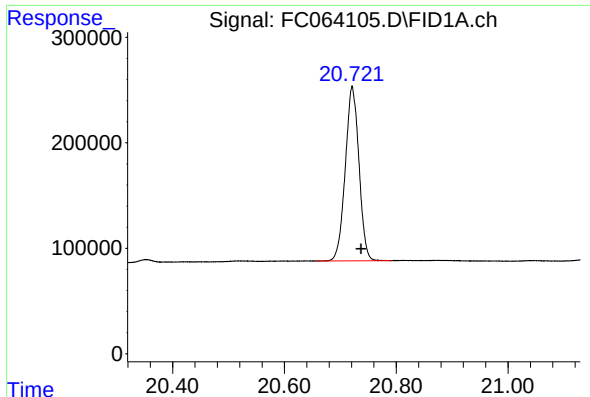
#19 n-Tetratriacontane (C34)

R.T.: 19.263 min
Delta R.T.: -0.009 min
Response: 2855769
Conc: 18.56 ug/ml



#20 n-Hexatriacontane (C36)

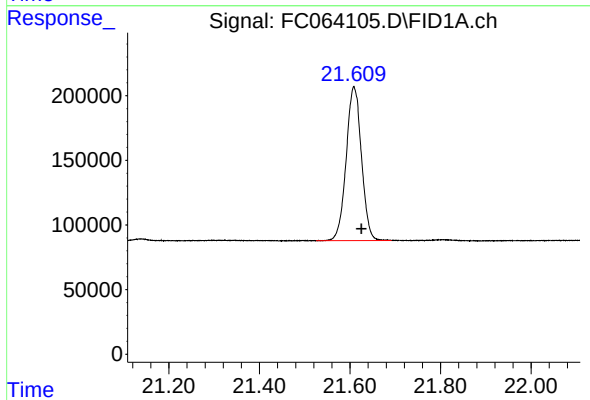
R.T.: 20.001 min
Delta R.T.: -0.010 min
Response: 2795512
Conc: 18.93 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.721 min
Delta R.T.: -0.016 min
Response: 2806405
Conc: 18.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: -0.017 min
Response: 2781652
Conc: 19.08 ug/ml